SHERWOOD INDUSTRIES IS AN ENVIRONMENTALLY RESPONSIBLE COMPANY. THIS MANUAL IS PRINTED ON RECYCLED PAPER.

PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Enviro

Haven

DIRECT VENT FIREPLACE

BY: SHERWOOD INDUSTRIES LTD

OWNER'S MANUAL

WHAT TO DO IF YOU SMELL GAS

- **Open windows/extinguish any open flame.**
- **Do not try to light any appliance.**
- **Do not touch any electrical switch or use any phone in your building.**
- **Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

This appliance may be installed in an after-market permanently located, manufactured (mobile) home, where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

WARNING

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Installation and service must be performed by a qualified installer, service agency or the gas supplier.

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapours and liquids in the vicinity of this or any other appliance.

INTERTEK C Warnock Hersey US

Massachusetts installations (Warning): This product must be installed by a licensed plumber or gas fitter when installed within the Commonwealth of Massachusetts. Other Massachusetts code requirements: Flexible connector must not be longer than 36in., a shut off valve must be installed; only direct vent sealed combustion products are approved for bedrooms/bathrooms. A carbon monoxide detector is required in all rooms containing gas fired direct vent appliances.

Specifications

INSTALLATION OPTIONS:

- Parallel to a wall or placed in a corner
- Vertica venting
- With a floor hearth or raised up the wall
- Horizontal venting

WARNING: Operation of this heater when not connected to a properly installed and maintained venting system can result in carbon monoxide (CO) poisoning and possible death.

Dimensions:

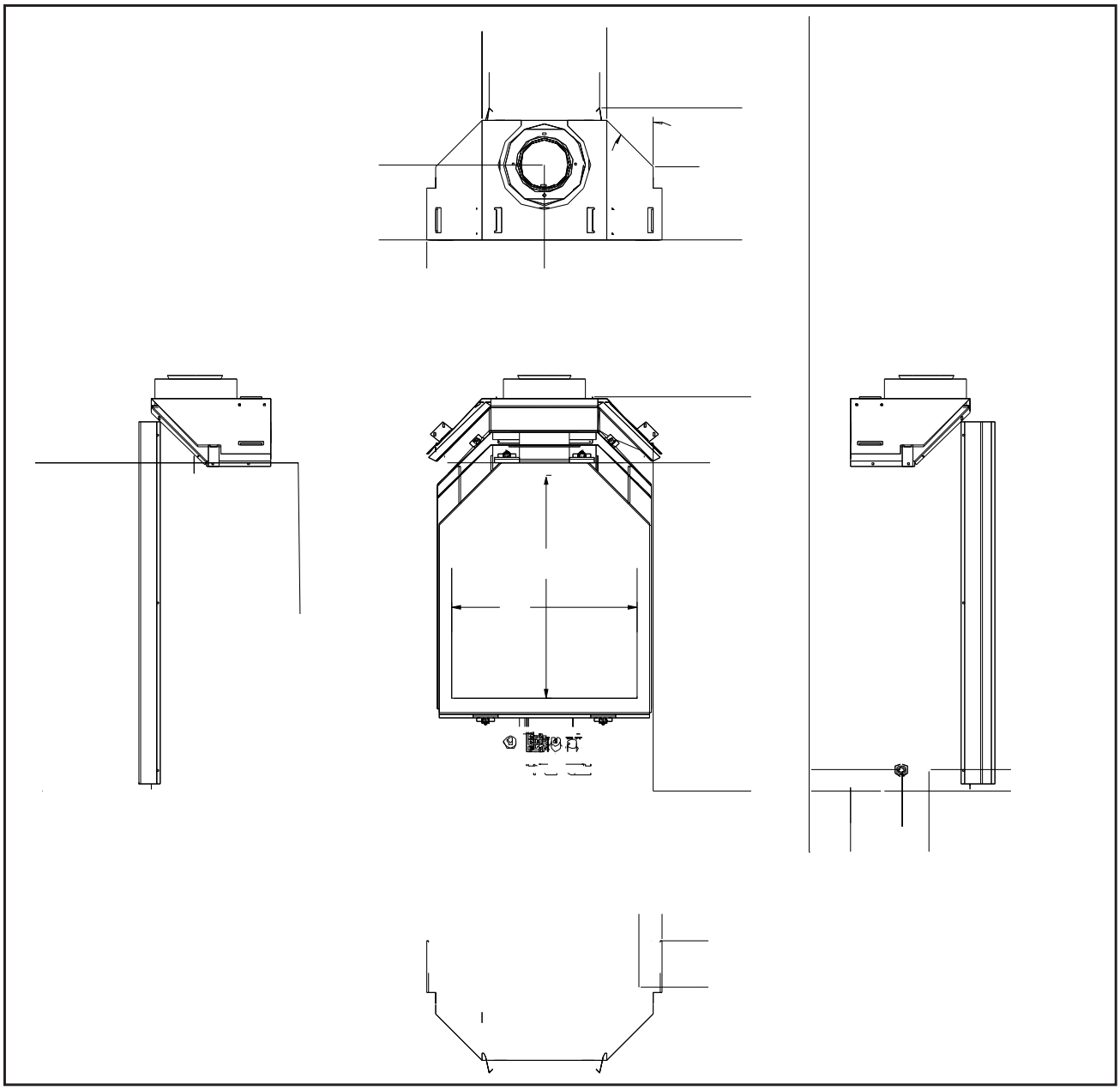


Figure 1. Dimensions of the Fireplace.

Rating Label Location:

The rating label is located under the control panel and is attached to a rectangular metal sheet that is chained to the fireplace.

Operating Instructions

For Your Safety, Read Safety Precautions And Lighting Instructions Before Operating

WARNING: IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY A FIRE OR EXPLOSION MAY RESULT, CAUSING PROPERTY DAMAGE, PERSONAL INJURY OF LOSS OF LIFE.

Pilot Lighting Instructions:

CAUTION: Hot while operating. Do not touch. Severe burns may result. Keep children, clothing, furniture, gasoline or other flammable vapors away.

[redacted]replace with the glass removed, cracked or broken. Replace[redacted]

be done by a licensed or qualified person! This appliance needs fresh air for safe operation and must be installed with provisions for combustion and ventilation air. See installation and operating instructions manual. Keep burner and control compartment clean.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage, or loss of life. Refer to owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

Keep burner and control compartment clean. See installation and operating instructions accompanying appliance.

FOR YOUR SAFETY READ BEFORE

WARNING: IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

A) This appliance is equipped with a pilot, which must be lit by
h□ t

[redacted]

TO TURN OFF GAS TO APPLIANCE

)urner switch to “OFF”

the gas control knob clockwise to the “OFF”
:ion

3. Turn off all electrical power to the appliance if service is t
be performed.

Figure 2. Lighting Instruction Label

Operating Instructions

For Your Safety, Read Safety Precautions And Lighting Instructions Before Operating

Burner Lighting:

A) Make sure the pilot is lit.
B) Turn gas control knob COUNTER-CLOCKWISE to ON.
C) Flip the burner switch to ON.
D) Turn HI/LO knob to the desired flame height.
E) Turn on all electrical power to the unit.

NOTE: Check that all burner holes are lit.

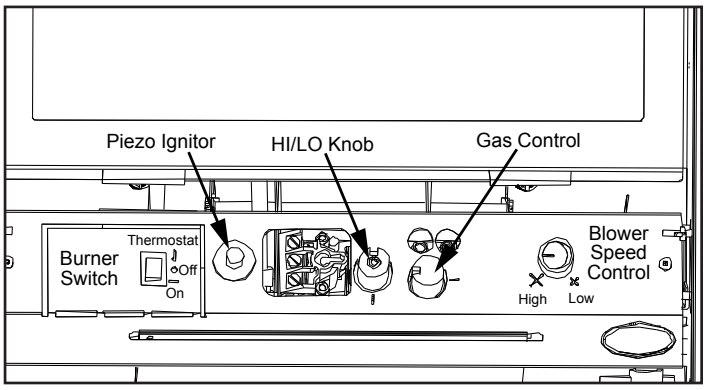


Figure 5. Control Panel

TO TURN GAS FIREPLACE OFF:

Flip switch to OFF to turn off burners only.

If the fireplace is to be turned off for the season, or for servicing, turn the gas shut off valve to OFF. DO NOT FORCE IT. If the unit is going to be serviced, turn off the electrical power to the unit as well.

NOTE: When the unit is turned on for the first time, it should be turned onto high, with the fan OFF, for the first two to four hours. This will cure the paint, logs, gasket material, and other products used in the manufacturing process. It is advised that a door or window be opened as the unit will start to smoke, which can irritate some people. After the unit has gone through the first burn, turn the unit OFF, including the pilot, and let the unit get completely cold. Then remove the glass and clean it with a good gas fireplace glass cleaner, available at your local Enviro dealer. See Maintenance And Service - Glass Door Removal and Maintenance And Service - Cleaning The Glass..

Remote controls:

This fireplace can use an optional remote control or an optional cordless wall thermostat. If either of these are to be used to control the fireplace for the majority of the time, leave the ON/OFF switch (on the control panel) in the remote/thermostat position. Consult the instructions included with the remote/wall thermostat for operation guidelines.

Normal Sounds During Operation:

Table 1: Normal Sounds

Component	Sound & Reason
Haven & Fascia	Creaking when heating up or cooling down.
Burner	Light pop or poof when turned off; this is more common with LP units.
Temperature Sensor	Clinking when it senses to turn the blower on or off.
Pilot Flame	Quiet whisper while the pilot flame in on.
Blower / Fan	Air movement that increase and decreases with the speed of the blower. The blower is pushing the heat from the fireplace into the room.
Gas Control Valve	Dull click when turning on or off, this is the valve opening and closing.

Maintenance And Service

Routine Maintenance:

At least once a year, run through the following procedures to ensure the system is clean and working properly. Check the burner to see if all the ports are clear and clean. Check the pilot to make sure it is not blocked by anything. The pilot flame should be blue with little or no yellow on the tips.

Warning: Clearances must be sufficient to allow access for maintenance and service

Warning: Failure to position the parts in accordance with this manual, or failure to use only parts specifically approved with this appliance may result in property damage, personal injury, or void your warranty.

The venting system must be periodically examined; it is recommended the examination is done by a qualified agency.

Cleaning The Glass:

When the fireplace is off and has cooled, remove the face of the fireplace along with the glass. See Maintenance And Service - Glass Door Removal. Check the gasket material on the back of the glass, making sure that it is attached and intact.

During a cold start up, condensation will sometimes form on the glass. This is a normal condition with all gas fireplaces. However, this condensation can allow dust and lint to cling to the glass surface. Initial paint curing of the appliance may leave a slight film behind the glass, a temporary problem. The glass will need cleaning about two weeks after installation. **Use a mild glass cleaner and a soft cloth**; **abrasive cleaners will damage the glass and plated surfaces.** Depending on the amount of use, the glass should require cleaning no more than two or three times a season. In some instances, a white film may form on the glass, caused by gas impurities. The white film can be removed by using ceramic polish. **Do not clean the glass when it is hot.**

Cleaning The Firebox:

Remove the logs carefully, as they are very fragile. Gently remove all the coal chunks and rock wool and place on a paper towel. Vacuum the bottom of the firebox thoroughly. Carefully clean any dust off the logs and remove any lint from the burner and pilot. At this time, inspect the burner pan for cracking or severe warping. If a problem is suspected, contact your dealer. Check the logs for deterioration or large amounts of soot; a small amount on the bottom side of the logs is normal. Replace the logs and embers as in the Log Set and Ember Installation section. If new/more rock wool is required, contact your nearest ENVIRO dealer.

Replacing the Glass:

The glass in the fireplace is a high temperature ceramic. If the glass is damaged in any way, a factory replacement is required (see Parts List - Components). Wear gloves when handling damaged glass door assembly to prevent personal injury. When the glass door assembly is being transported, it must be wrapped in newsprint and tape and/or a strong plastic bag. Do not operate your fireplace with the glass front removed, cracked or broken. Removal and replacement of the glass from the door **must** be done by a licensed or qualified service person. **The glass must be purchased from an ENVIRO dealer. Substitute materials will void the warranty.**

Maintenance And Service

Cleaning Decorative Surfaces:

Painted and porcelain faces should be wiped with a damp cloth periodically. If a plated face has been purchased, it should be unpacked/unwrapped carefully to avoid getting anything on the surface of the finish, including cleaners, polish and finger prints. It is important to note that fingerprints and other marks can leave a permanent stain on plated finishes. **To avoid this, give the face a quick wipe with denatured alcohol on a soft cloth BEFORE lighting the fireplace.** Never clean the face when it is hot. Do not use other cleaners as they may leave a residue, which can become permanently etched into the surface.

Glass Door Removal:

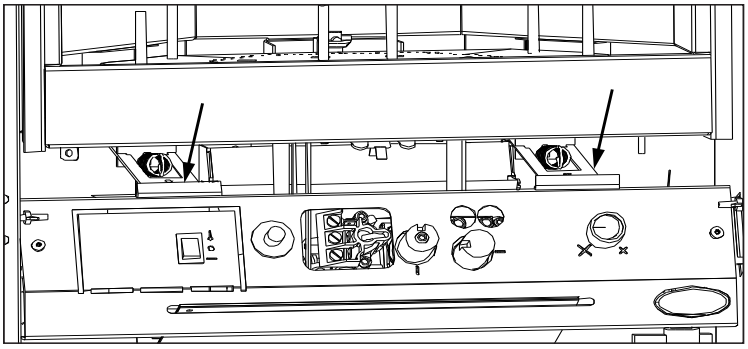


Figure 6. Bottom latches for glass, disengaged.

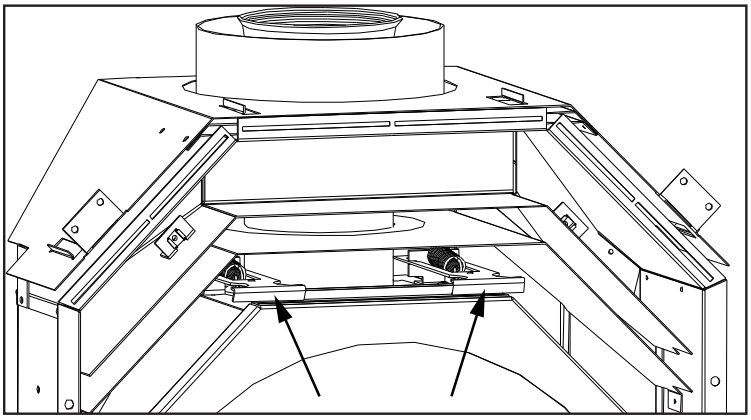


Figure 7. Top latches for glass door, engaged.

In order to install the log set, and for regular cleaning, the glass door must be removed. There are two (2) door latch mechanisms under and two (2) above the glass door shown in Figure 6 & 7. Each latch has two (2) finger grooves, use these to pull the mechanisms straight out. When the latches are unhooked, lift the door up and forward off the unit.

To replace the glass door, simply reverse the above procedure.

Warning: Do not touch or attempt to remove the glass if the fireplace is not completely cold.

WARNING: Never operate the fireplace with the glass removed.

Burner Removal:

1. Ensure the appliance is turned off and cool.
2. Remove the fascia, glass door (see Maintenance And Service - Glass Door Removal), logset, embers and firebox liner.
3 Undo the wing nut under the right side of the burner (see Figure 8) and remove the screw.
4. Lift the right end of the burner up, slide it to the left (off of the main orifice), then up and out.

Figure 8. Wing Nut to Remove the Burner.

Maintenance And Service

Fuel Conversion:

TO BE INSTALLED BY A QUALIFIED SERVICE AGENCY ONLY

Please read and understand these instructions before installing.

Warning: This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper or complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

Kit Parts List:

1 - Orifice (NG - #48 DMS or LP - #57 DMS)

1 - Pilot Injector (NG 0.62 mm; LP 0.35 mm)

1 - Installation instruction sheet

1 - Conversion label

Carefully inspect all parts supplied with this conversion kit. If any parts have been damaged or are missing, contact your dealer, distributor or courier company to have them replaced before starting this installation.

Conversion Kit Installation:

1. Turn control knob on the gas valve to the "OFF" position and shut the gas supply off at the shut-off valve upstream of the unit. CAUTION: The gas supply must be shut off prior to disconnecting the electrical power and before proceeding with the conversion. Allow the valve and unit to cool down to room temperature.
2. Remove the glass as shown in the Maintenance and Service - Opening The Door.
3. Carefully remove the log set and ember material if they are installed.
4. Remove the burner as shown in the Maintenance and Service - Burner Removal.
5. Convert the burner orifice(s):
   a) Remove the main burner orifice with a ½ inch deep socket.
   b) Put a bead of pipe-thread sealant or approved Teflon tape on the orifice threads before installing into the brass elbow.
   c) Install the new orifice(s) from the kit into the brass elbow.
6. Convert the pilot injector:
   a) Pull the pilot hood straight up to access the pilot injector.
   b) Using a $^{5}/_{32}$" or 4 mm Allen key, remove the pilot injector.
   c) Install the new pilot injector supplied with this conversion kit. Simply screw the new injector inside the pilot hood using the Allen key,
   d) Reinstall the hood by placing the hood on the assembly, line up the key way, and snap into place.

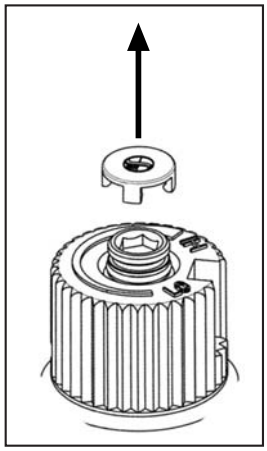


Figure 9: Removing valve cap.

7. Convert the SIT gas valve:
   a) Remove the black protection cap from the HI/LO knob by hand shown in Figure 9.
   b) Insert a $^{5}/_{32}$" or 4 mm Allen wrench into the hexagonal key-way of the screw (see Figure 10), rotate it counter-clockwise until it is free and extract it.
   c) Check that the screw is clean and if necessary remove dirt.
   d) Flip the screw (refer to Figure 11).
   e) Using the Allen wrench as shown in Figure 10, rotate the screw clockwise until a torque of 9 inch lbs. **WARNING!** Do not over tighten the screw. It is recommended that you grip the wrench by the short side.
   f) Verify that if the conversion is from NG to LPG, the screw must be re-assembled with the red o-ring visible (refer to Figure 12). If the conversion is from LPG to NG, the red o-ring of the screw must be not visible.

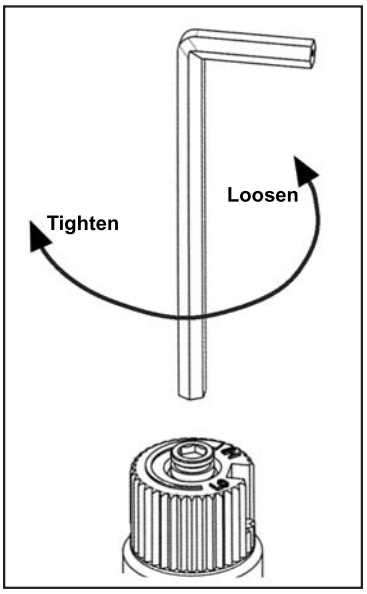


Figure 10: Removing valve screw.

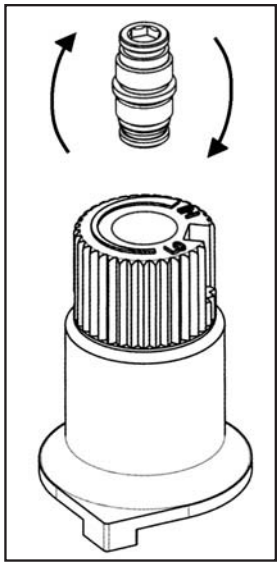


Figure 11: Flip valve screw.

   g) Re-attach the black protection cap that was removed in step a (Figure 9).

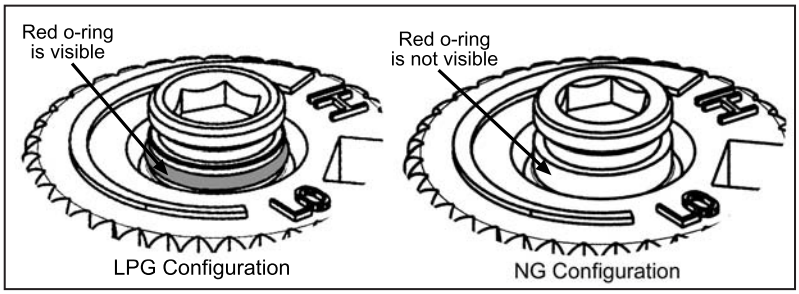


Figure 12: O-ring on valve screw.

8. Reinstall the burner, brick panels, log set, embers, and glass door. Also refer to SECONDARY INSTALLATION - LOG SET AND EMBERS INSTALLATION. When re-installing the burner, ensure that the burner to pilot hood relationship is similar to what is shown in Figure 13. On some units you will need to pay special attention when installing the burner that the venturi adjustment rod is properly installed into the venturi adjustment piece welded to the burner venturi tube
9. Reconnect the main gas line if it was disconnected and open the shut-off valve at the gas line to the unit.
10. Use a small brush to apply a warm soapy water solution to all gas connections (use a half dish soap and half warm water). If a gas leak is present, bubbling will occur. Gas leaks can be repaired by using an approved pipe thread sealant or approved Teflon tape. NEVER USE AN OPEN FLAME WHEN TESTING FOR LEAKS.
11. Reconnect the electrical power to the unit.
12. Relight the main burner in both the "HI" and "LO" positions to verify proper burner ignition and operation and proper flame appearance. Also refer to SECONDARY INSTALLATION - LOG SET AND EMBERS INSTALLATION for a flame appearance picture.
13. MAKE SURE that the conversion label is installed on or close to the rating label to signify that the unit has been converted to a different fuel type.

Figure 13. Ignitor assembly beside the burner.

Initial Installation

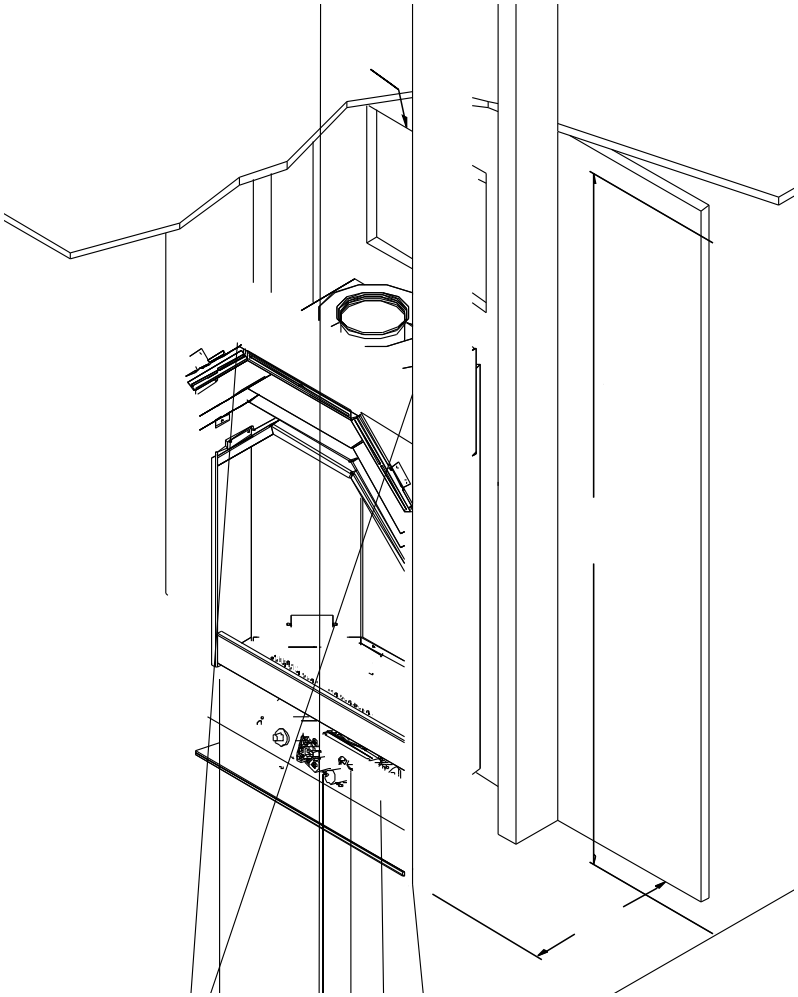
QUALIFIED INSTALLERS ONLY

Introduction:

This section of the owner's manual is for the use of qualified technicians only. Fireplace placement, hearths, facing, mantles, and venting terminations will be covered, as well as the gas and electric systems. There are several installation safety guidelines that must be adhered to. Please carefully read the safety precautions at the front of this manual.

Warning: Clearances must be sufficient to allow access for maintenance and service.

Placement and Framing:



FL J T U H **1**□□ **D**L P H Q V L R Q V R U **F**U D P L Q J W K H **F**L U H E R [□

Initial Installation

QUALIFIED INSTALLERS ONLY

The framing boards may touch the top, side and back standoffs, but **no insulation or other material can be placed between the frame and the standoffs.**

The gas line, ⅜ inch NPT, can be brought to either the right side, the left side, or the bottom of the fireplace. If this set up is inconvenient, the electrical wire and the gas line configuration can be reversed.

The location should be chosen so the fireplace must be at least 36 inches (91.4 cm) from drapes, doors and other combustibles. The framed opening should also be a minimum of 3.5 inches (8.9 cm) from the nearest perpendicular wall (sidewall to the edge of the opening).

The HAVEN is designed so it can be installed at floor level without a required hearth.

Corner Installation:

The dimensions for installing a fireplace in the corner of a room are given in Figures 16. Refer to "Initial Installation - Vent Configurations and Restrictor Settings" for allowable pipe lengths.

Do not interfere with the structural integrity of the walls.

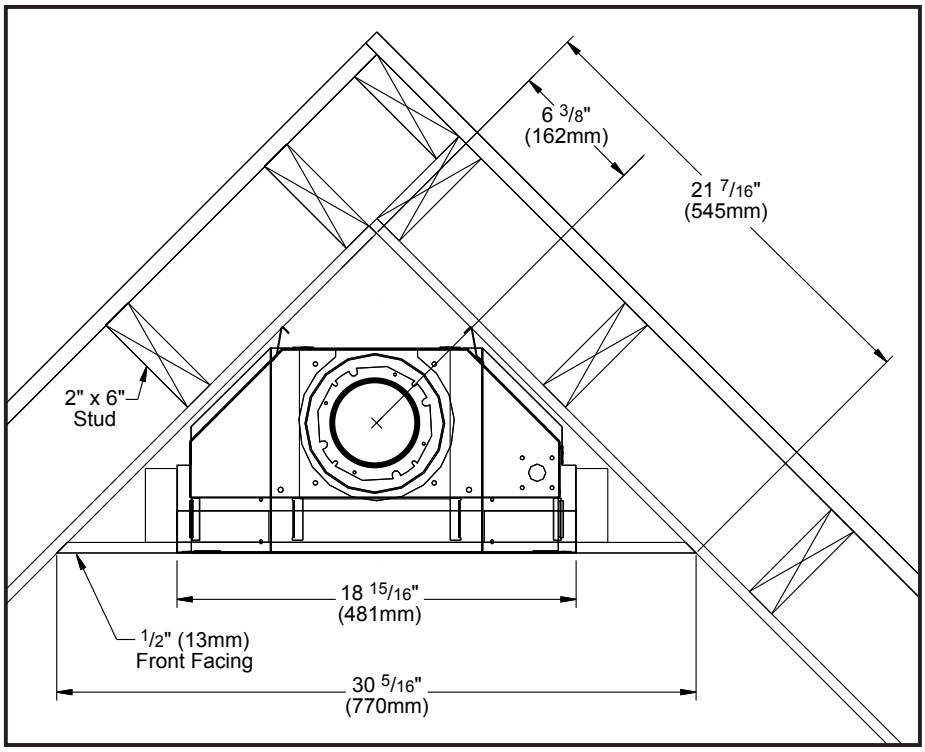
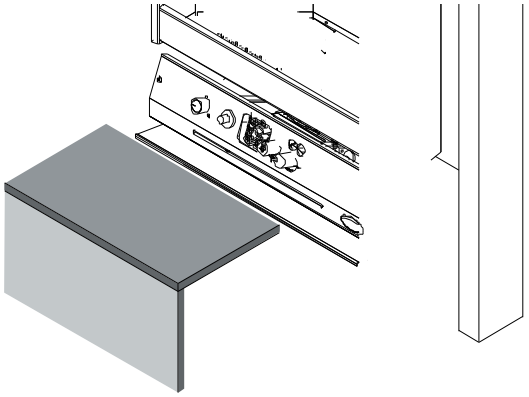


Figure 16. Dimensions for a corner installation.

Raised Fireplaces and Hearths:

Even though the Haven can be installed at floor level without a hearth, there are a few options with raised fireplaces: raised with a floor level hearth (Figure 17), raised with a raised hearth (Figure 18), or raised with no hearth (Figure 19). If the fireplace is raised, it cannot be placed within 18 inches (45.7cm) of the ceiling. When installing a raised fireplace, it is imperative that the support stand is strong enough to hold the weight of the fireplace (up to 140lb [63.5Kg]) and venting.

QUALIFIED INSTALLERS ONLY



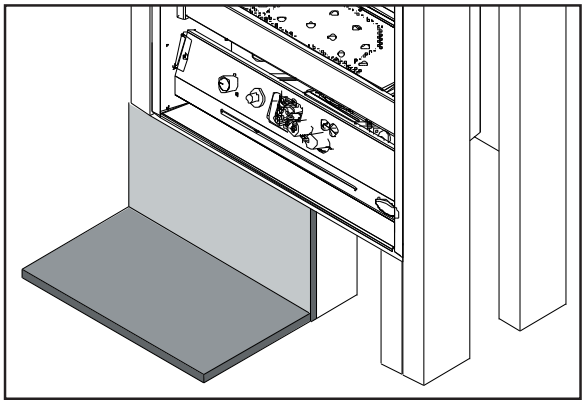


Figure 17. Raised Fireplace with Floor Level Hearth.

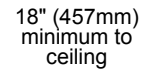


Figure 19. Raised Fireplace with No Hearth.

FRAMING MOUNT BRACKETS:

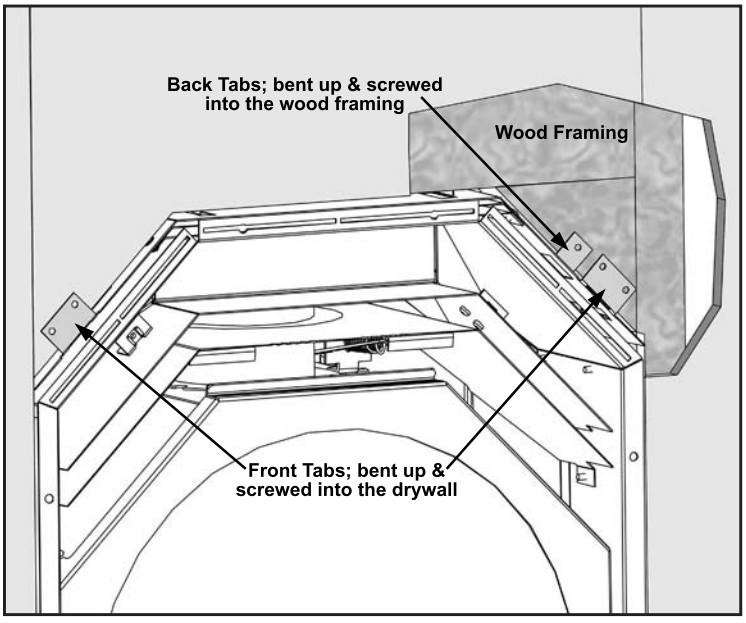


Figure 20. Top Mounting brackets.

The Haven can be secured to the framing and the flooring. At either side of the top there are two (2) brackets with holes for screws or nails (Figure 20); the back tabs are to mount to the wood framing and the front ones are to mount to the drywall. At the bottom there are two (2) mounting holes in the unit base below the firebox, which allows for screws or nails to mount to the floor (Figure 21).

Initial Installation

QUALIFIED INSTALLERS ONLY

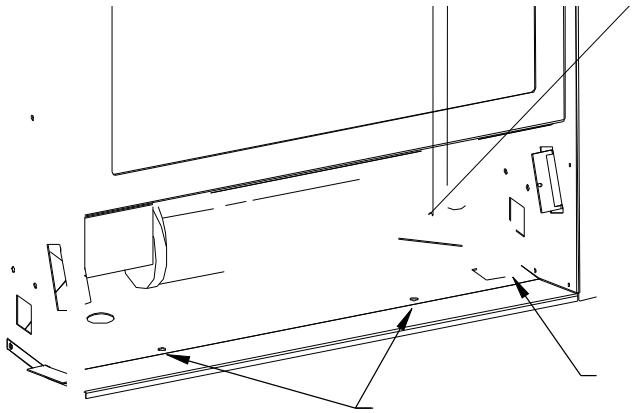
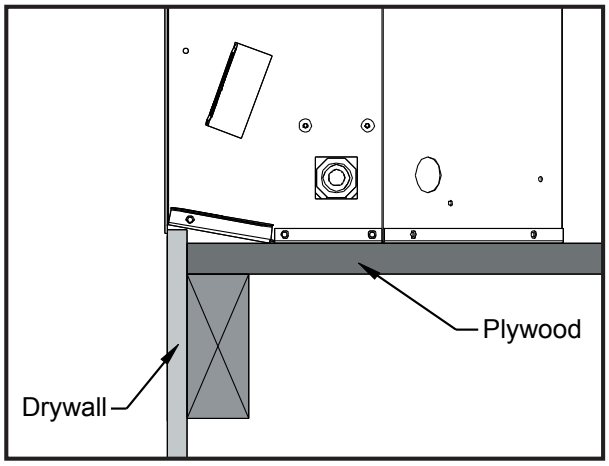
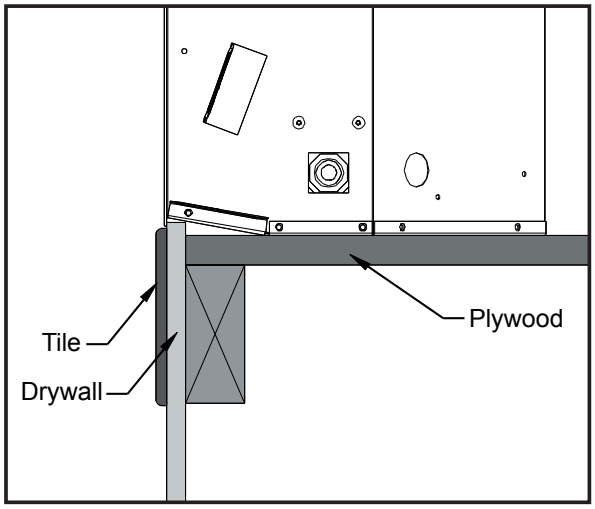
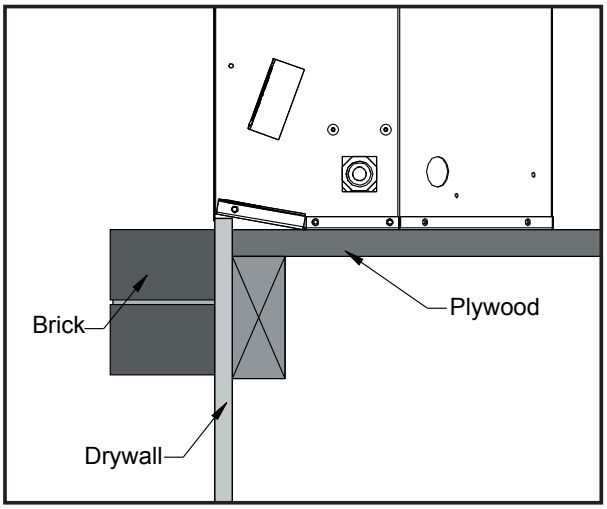


Figure 21. Bottom Mounting Holes.6Figure 22. Drywall Facing Only Around The Haven. An







QUALIFIED INSTALLERS ONLY

Mantle Clearances:

It is not necessary to install a mantle, but if one is desired it is important to follow the guidelines.

Top of unit to horizontal framing:	0″	(0 cm)
Top of unit to bottom of 3½″ (8.9 cm) mantle:	10¼″	(26 cm)
Top of unit to bottom of 10″ (25.4 cm) mantle:	11½″	(29.2 cm)

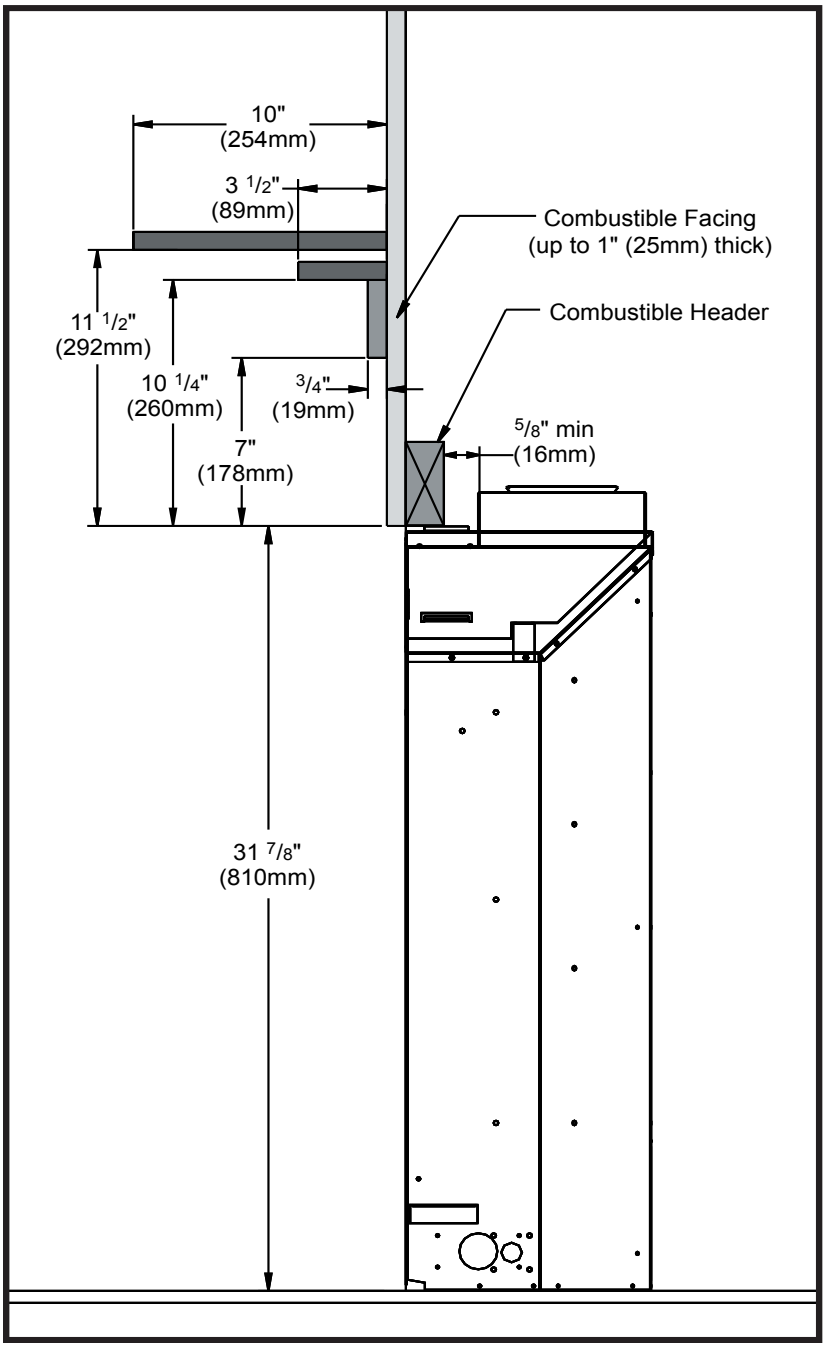


Figure 25. Combustible Mantle Clearances.

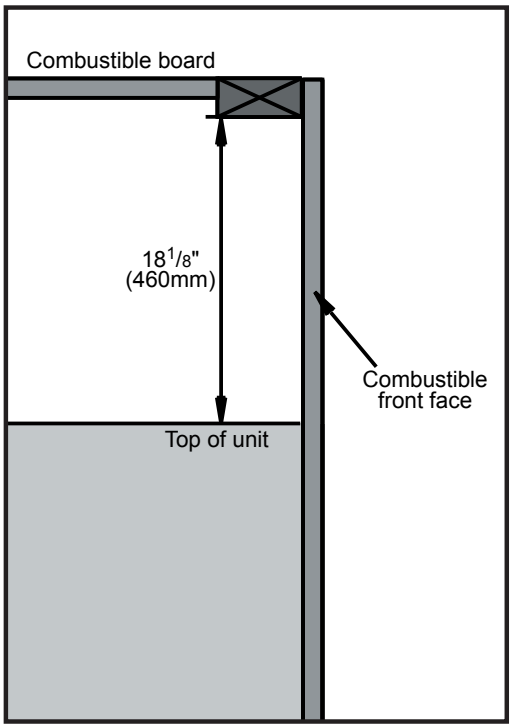


Figure 26. Combustible Shelf Clearance.

A shelf may be installed above the unit. We recommend that no heat sensitive items or components be placed on the shelf (see Figure 26).

Initial Installation

QUALIFIED INSTALLERS ONLY

Vent Termination Restrictions:

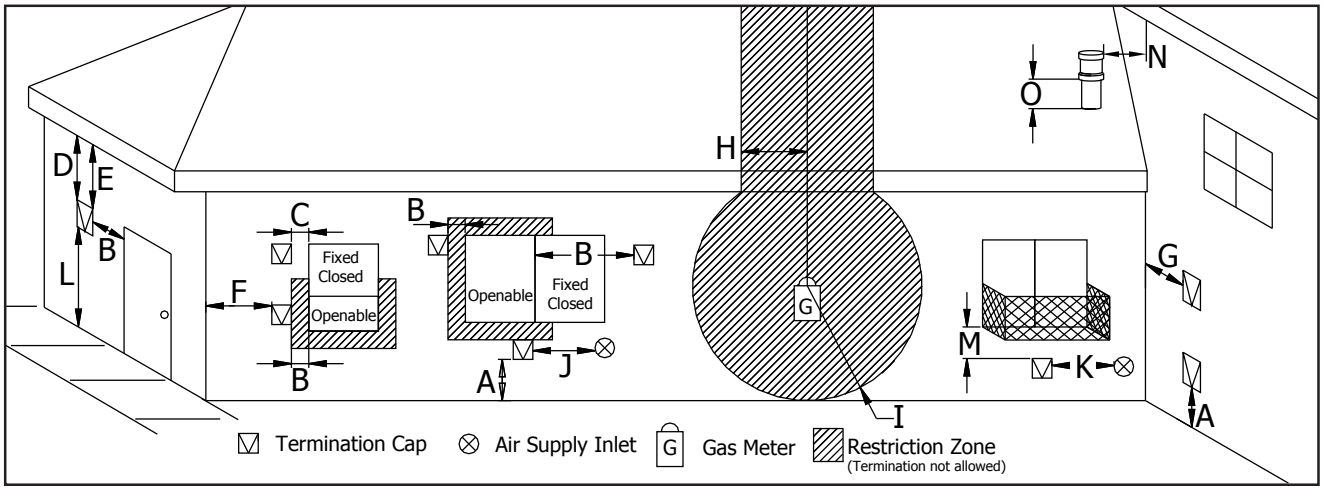


Figure 27. Vent Termination Restrictions, refer to Table 3.

Table 3: Vent termination clearances, refer to Figure 27.

Letter	Canadian Installation [1]	US Installation[2]	Description
A	12 in (30 cm)		Clearance above grade, verandah, porch, deck, or balcony.
B	12 in (30 cm)	9 in (23 cm)	Clearance from window or door that may be opened.
C	12 in (30 cm)*		Clearance from permanently closed window (to prevent condensation).
D	24 in (60 cm)*		Vertical clearance to ventilated soffit located above the terminal, within a horizontal distance of 2 ft (60 cm) from center line of terminal.
E	18 in (45 cm)*		Clearance to unventilated soffit.
F	12 in (30 cm)*		Clearance to outside corner.
G	12 in (30 cm)*		Clearance to inside corner.
H	3 ft (91 cm) within a height of 15 ft (4.5 m) above the meter/ regulator assembly	3 ft (91 cm) within a height of 15 ft (4.5 m) above the meter/ regulator assembly*	Clearance to each side of center line extended above meter/regulator assembly.
I	3 ft (91 cm)	3 ft (91 cm)*	Radial clearance around service regulator vent outlet.
J	12 in (30 cm)	9 in (23 cm)	Clearance to non-mechanical air supply inlet to building, or the combustion air inlet to any other appliance.
K	6 ft (1.83 m)	3 ft (91 cm) above if within 10 ft (3 m) horizontally	Clearance to mechanical air supply inlet.
L	7 ft (2.13 m)[t]	7 ft (2.13 m)*[t]	Clearance above paved sidewalk or paved driveway located on public property.
M	12 in / 30 cm[+]	12 in / 30 cm*[+]	Clearance under verandah, porch, deck, or balcony.
N	12 in (30 cm)*		Clearance horizontally to any surface (such as an exterior wall) for vertical terminations.
O	12 in (30 cm)		Clearance above roof line for vertical terminations.

[1] In accordance with the current CSA B149, Natural Gas and Propane Installation Code.
[2] In accordance with the current ANSI Z223.1 NFPA 54, National Fuel Gas Code.
* These numbers are only estimates. Clearance in accordance with installation codes and the requirements of the gas supplier.
[t] A vent shall not terminate directly above a side walk or paved driveway that is located between two single family dwellings and it serves both dwellings.
[+] Permitted only if verandah, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor.

NOTE: Venting terminals shall not be recessed into walls or siding.

Initial Installation

QUALIFIED INSTALLERS ONLY

Fireplace Horizontal Vent Kit 50-1235:

Please read and understand these instructions before installing. Failure to follow these instructions carefully could cause property damage or personal injury.

KIT COMPONENTS:

Qnty	Description	Qnty	Description
1	Horizontal direct vent termination cap	4	Wire spacers
1	Flue collar adapter	1	4 oz tube Mill-Pac Sealant
1	Wall thimble	1	4 oz tube RTV silicone
1	5' (190 cm) length of Ø4" (10 cm) double walled flex pipe	12	9/16" tech screws
1	5' (190 cm) length of Ø6⅝" (10 cm) double walled flex pipe	8	1½" wood screws

Please ensure that all components are supplied with this kit. If components are missing or have been damaged, contact your dealer, distributor, or courier company. Do not attempt the installation if components are missing or damaged.

INSTALLATION INSTRUCTIONS:

1. Plan your installation and clearances to combustibles. Decide on a location for the unit that will meet any or all local code requirements. Refer to the sections in your owner's manual on where to locate your stove.
2. Set the appliance in the desired location. Determine if any wall studs, electrical wiring, or plumbing pipes are in the way of the venting system as it passes through the exterior wall. The fireplace location should be adjusted if obstructions are found in the wall.
3. Project a line from the center point of the flue outlet upward and outward to the desired flue outlet location on the exterior wall. Using this center point, scribe a 10" (25.4 cm) hole or square on the wall. Cut the hole out on both the interior and exterior wall surfaces.

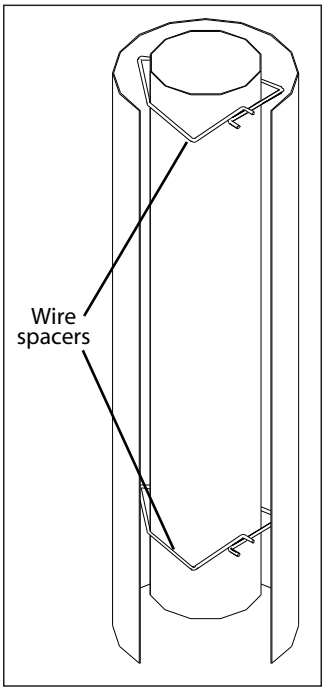


Figure 28: Wire Spacers.

4. Frame the hole as shown in Figure 32.
5. Trim the Wall Thimble to match the wall thickness as necessary. Install the wall thimble and secure it to the inner wall frame using four (4) 1½" wood screws.
6. Apply a bead of Mill-Pac Black sealant to the new Ø4" (10 cm) by 5" (12.5 cm) provided flue collar adaptor. Press the flue collar into the flue outlet of the fireplace so that the Mill-Pac seals the flue collar to the flue outlet.
7. Stretch both the Ø4" (10 cm) flex vent and the Ø6⅝" (16.25 cm) flex intake liner to the length needed to ensure the flex can be easily connected to the vent terminal.
8. Slide the Ø6⅝" (16.25 cm) flex intake liner over the flex vent. Install four (4) wire spacers around the flex pipe. Ensure the wire spacers are positioned at either end of the pipes, and at each end of any elbows in the liners (refer to Figure 28 and 29).

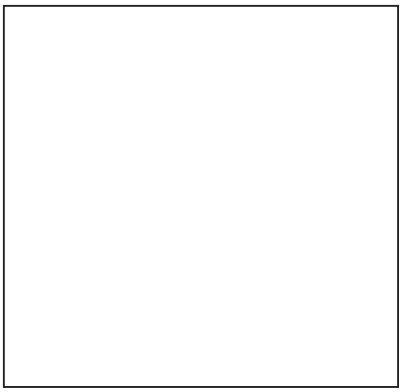


Figure 29: Wire Spacer in Place.

9. Install the flex pipe assembly through the wall thimble, ensure that this portion of pipe slides through the outside wall far enough to connect onto the vent termination cap.
10. Apply a bead of Mill-Pac Black sealant to the top section of the Ø4" (10 cm) by 5" (12.5 cm) flue collar adaptor previously installed into the fireplace flue outlet. Slide the Ø4" (10 cm) flex vent over the flue collar and secure with three (3) sheet metal screws evenly spaced.

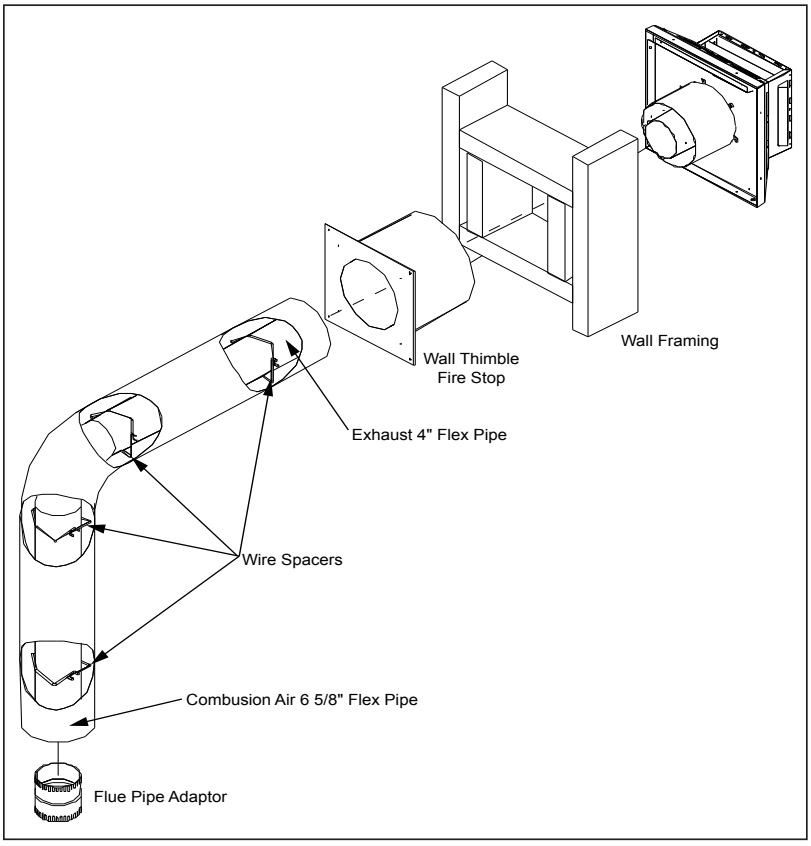


Figure 30: Installation of Fireplace Horizontal Vent Kit.

11. Place a bead of high temperature silicone on the intake collar of the fireplace, slide the Ø6⅝" (16.25 cm) flex intake liner over the collar, secure the flex liner with three (3) sheet metal screws evenly spaced.
12. On the outside of the exterior wall, apply a bead of Mill-Pac Black sealant to the Ø 4" (10 cm) pipe of the vent terminal. Slide the flex liner onto the vent terminal and secure with three (3) sheet metal screws evenly spaced.
13. Place a bead of high temperature silicone on the intake collar of the vent terminal, slide the Ø6⅝" (16.25 cm) flex intake liner over the collar, secure the flex liner with three (3) sheet metal screws evenly spaced.
14. Attach the vent terminal to the outside of the house using four (4) wood screws provided.
15. Light the appliance and ensure proper operation.

Other Approved Vent Parts:

Table 4: Approved Vent Manufacturers

Manufacturer	Trade Name	Nominal Sizes
American Metal Products	Ameri Vent Direct	4/6 and 5/8
Security Chimneys International LTD	Secure Vent	4/6 and 5/8
Selkirk Metalbestos	Direct-Temp	4/6
Simpson Dura Vent	Direct Vent GS	4/6 and 5/8

The Haven fireplace has been tested and certified for use with AMERICAN METAL PRODUCTS "AMERIVENT DIRECT", SIMPSON DURAVENT TYPE GS PIPE FOR GAS STOVES. SECURITY CHIMNEY'S "SECURE VENT DIRECT VENT SYSTEM" and SELKIRK "DIRECT-TEMP VENT SYSTEM" kits are available for horizontal and vertical venting. When using Simpson Duravent, it is recommended that, before installation, a bead of RTV High Temperature Silicone should be applied to each outer vent joint, and Mil-Pac to each inner joint. When planning an installation, it will be necessary to select the proper length of vent pipe for the particular requirements.

Initial Installation

QUALIFIED INSTALLERS ONLY

WARNING: Do not mix parts from different vent manufacturers's systems.

EXCEPTION TO WARNING: This product has been evaluated by Intertek for using a Direct Vent GS starting collar in conjunction with Secure Vent, Direct-Temp, and Ameri Vent Direct venting systems. Use of these systems with the Direct Vent GS starting collar is deemed acceptable and does not affect the Intertek WH listing of the appliance.

Table 5: Vent part numbers (Must state if galvanized or black wanted, PART NUMBERS).

Direct Vent GS	Direct-Temp	Secure Vent	Ameri Vent Direct	Description
908	4DT-6	SV4L6		6" pipe length
			4D7	7" pipe length
907	4DT-9			9" pipe length
906	4DT-12	SV4L12	4D12	12" pipe length
904	4DT-24	SV4L24	4D2	24" pipe length
903	4DT-36	SV4L36	4D3	36" pipe length
902	4DT-48	SV4L48	4D4	48" pipe length
945	4DT-EL45	SV4EBR45	4D45B	45° elbow, black
990	4DT-EL90	SV4EBR90	4D90B	90° elbow, black
950	4DT-VS	SV4VS		Vinyl siding standoff/sheild
942	4DT-WT	SV4RSN	4DWT	Wall thimble
953	4DT-SC	SV4FC	4DSC	Storm collar
963	4DT-FS	SV4BF	4DFSP	Fire stop
988	4DT-WS/B	SV4BM	4DWS	Wall strap/support/band
970	4DT-HKA	SV0SHK	4DHTK1	Horizontal termination kit (SD: Basic Kit, SEL: Kit A, SC: Standard Kit)
911				11" to 14 5/8" pipe, adjustable
	4DT-AJ		4D12A	4" to 10" pipe , adjustable
		SV4LA12		1½" to 12" pipe , adjustable
943	4DT-AF6		4DF	Flashing, 0/12 to 6/12 roof pitch
943S	4DT-AF12		4DF12	Flashing, 7/12 to 12/12 roof pitch
		SV4FA		Flashing, 1/12 to 7/12 roof pitch
		SV4FB		Flashing, 8/12 to 12/12 roof pitch
943F		SV4F		Flat flashing
980	4DT-VC	SV4CGV	4DVC	Vertical termination
991	4DT-HVC			High wind vertical termination
984	4DT-HC	SV4CHC	4DHC	Horizontal square termination
985	4DT-HHC			High wind horizontal termination
978	4DT-VKC	SV0FAK	4DVTK	Vertical termination kit
971	4DT-HKB	SV0SHK2	4DHTK2	Horizontal termination kit (SD: Kit A, SEL: Kit B, SC: Kit)

Initial Installation

QUALIFIED INSTALLERS ONLY

VENTING:

This fireplace has been tested and certified for use with SIMPSON DURAVENT DIRECT VENT TYPE "GS" PIPE FOR GAS STOVES, SECURITY CHIMNEY'S SECURE VENT DIRECT VENT SYSTEM kits, AMERICAN METAL PRODUCTS AMERIVENT DIRECT and DIRECT-TEMP SELKIRK METALBESTOS.

A 1" (25 mm) clearance to combustibles must be maintained around any vertical vent pipe. Around a horizontal vent pipe, the clearance to combustibles should be 2" (51 mm) above and 1½" (38 mm) on the sides and bottom. When combustible materials are directly above a 90° elbow, 3 inches (7.6 cm) of clearance are necessary (see Figure 31).

Table 6. Vent Pipe Minimum Clearances.

	Vertical Pipe to the Side Walls	Horizontal Pipe to the Sides & Bottom	Above an Elbow Above the Unit	Above an Elbow Not Above the Unit	Above Horizontal Vent Pipe	Wall Frame 8" (203mm) or less
Hard Pipe	1" (25.4 mm)	1½" (38.1 mm)	$7^{11}/_{16}$" (195mm)	3" (76.2 mm)	2" (51 mm)	10"x10" (25x25cm)
Flex Pipe	1" (25.4 mm)	1½" (38.1 mm)	$7^{11}/_{16}$" (195mm)	3 ⅜" (86 mm)	3 ⅜" (86 mm)	10"x10" (25x25cm)

A 10" (254 mm) x 10" (254 mm) frame (see Figure 32) will assure the proper support and spacing for the vent pipe as it passes through the wall. Installations in Canada require that a wall thimble be used for passing through walls and ceilings. All sealing and vapour barriers must comply with local building codes.

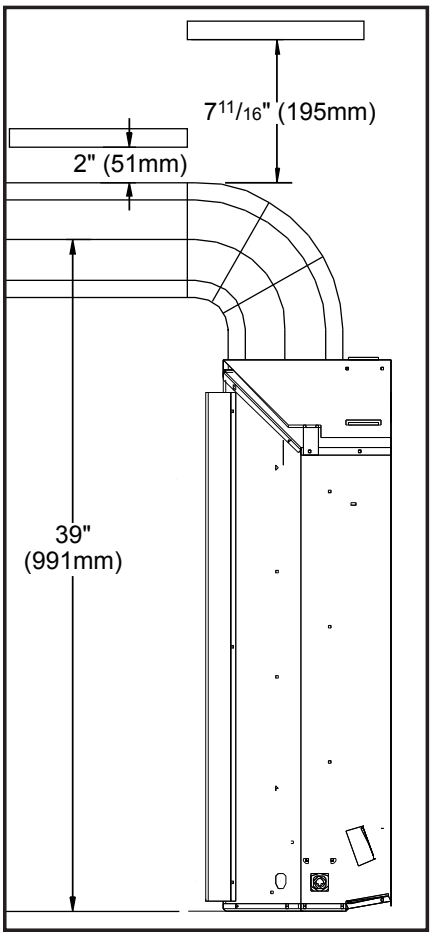


Figure 31. Vent Pipe Clearances.

When planning an installation, it is necessary to select the proper length of vent pipe for the particular requirements. The configuration of the venting pipes depends on the locations of walls, ceilings and studs. However, the pipes cannot be of arbitrary length and arrangement. Because the length of the vertical and horizontal sections dramatically affects the burning efficiency of the fireplace, certain guidelines have been set in INITIAL INSTALLATION - VENT CONFIGURATIONS AND RESTRICTOR SETTINGS.

Venting terminals can not be recessed into a wall or siding.

WARNING: This gas appliance must not be connected to a chimney flue serving a separate solid-burning appliances.

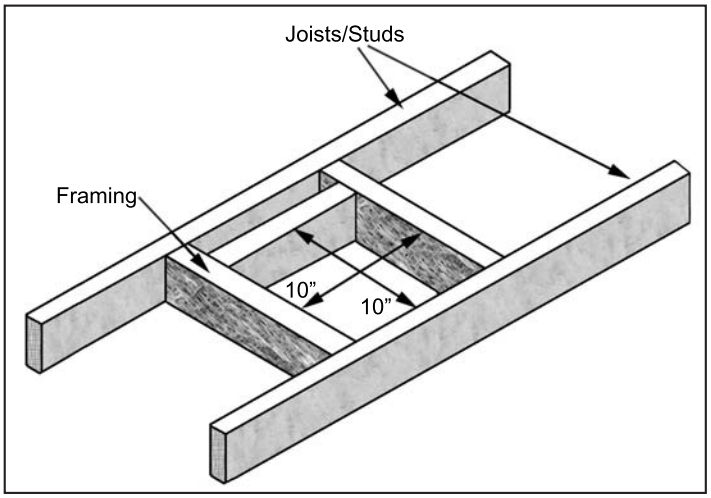


Figure 32. Vent Framing Through Wall/Ceiling.

Initial Installation

QUALIFIED INSTALLERS ONLY

Vent Configurations and Restrictor Settings:

Figures 33 shows the range of venting options, it shows possible vent configurations if the unit is top vented, for vertical and horizontal terminations, any layout that remains within the shaded area is acceptable. Having the fewest number of elbows is ideal, as they tend to disrupt air movement. Using 45˚ elbows is preferable to using 90˚ elbows. Also, a shorter vent system will perform better than a longer one.

The vent restrictor controls the amount of air moving through the vent pipe. Longer vertical vent lengths necessitate greater restriction; position 1 is open and position 5 is maximum restriction. Figure 33 shows the vent restrictor position required, relative to the length of vent pipe. The vent restrictor is located in the center of the fireplace, above the glass. Figure 34 shows the vent restrictor lever and the holes that indicate the different levels. To avoid injury, it is best to make this adjustment when the fireplace is cool or use welder's gloves or oven mitts.

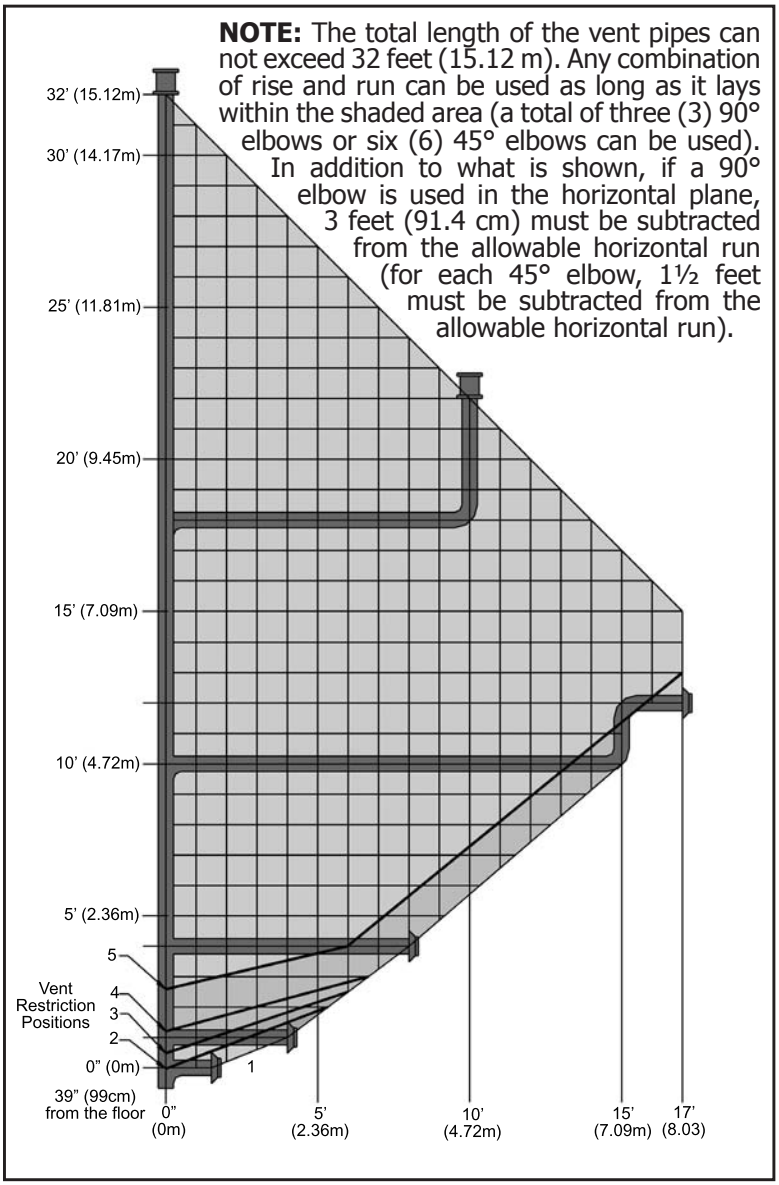


Figure 33. Possible Vent Configurations for Top Vented; Vertical and Horizontal Terminations.

Note: 0,0 in Figure 33 represents a 90˚ bend directly off the outlet of the unit, 39 inches (106 cm) from floor, in all horizontal instances **except** when using Selkirk and having less than a 4 feet (1.22 m) rise and 8 feet (2.44 m) horizontal offset. In this case, a 1 foot (30.5 cm) rise must be added below the 90˚ bend.

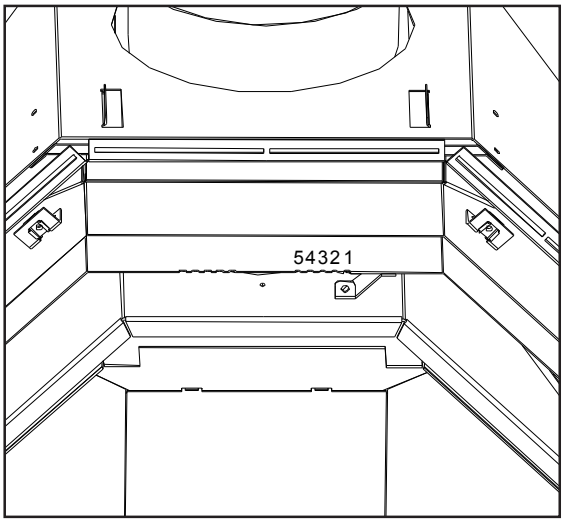


Figure 34. Possible Vent Restrictor Positions.

Initial Installation

QUALIFIED INSTALLERS ONLY

Horizontal Termination:

NOTES:

1. **Horizontal pipes must not be level. For every 12 inches (305 mm) of horizontal travel (away from the stove), there should be at least ¼ inch (6.4 mm) of vertical travel. Never allow the vent to run downward, as this could cause high temperatures or even present the possibility of a fire.**
2. The exterior of the horizontal vent termination must not be blocked or obstructed.
3. If the vent termination is not being attached to wood, the four wood screws provided should be replaced with material appropriate fasteners.
4. For buildings with vinyl siding, a vinyl standoff should be installed between the vent cap and the exterior wall. Attach the vinyl siding standoff to the horizontal termination. Note that the termination bolts onto the flat portion of the standoff, providing an air space between the wall and the vent termination. The air gap prevents excessive heat from possibly melting the vinyl siding.
5. Horizontal pipes must be supported every 3 feet (914 mm). Plumber's all round strap will suffice.

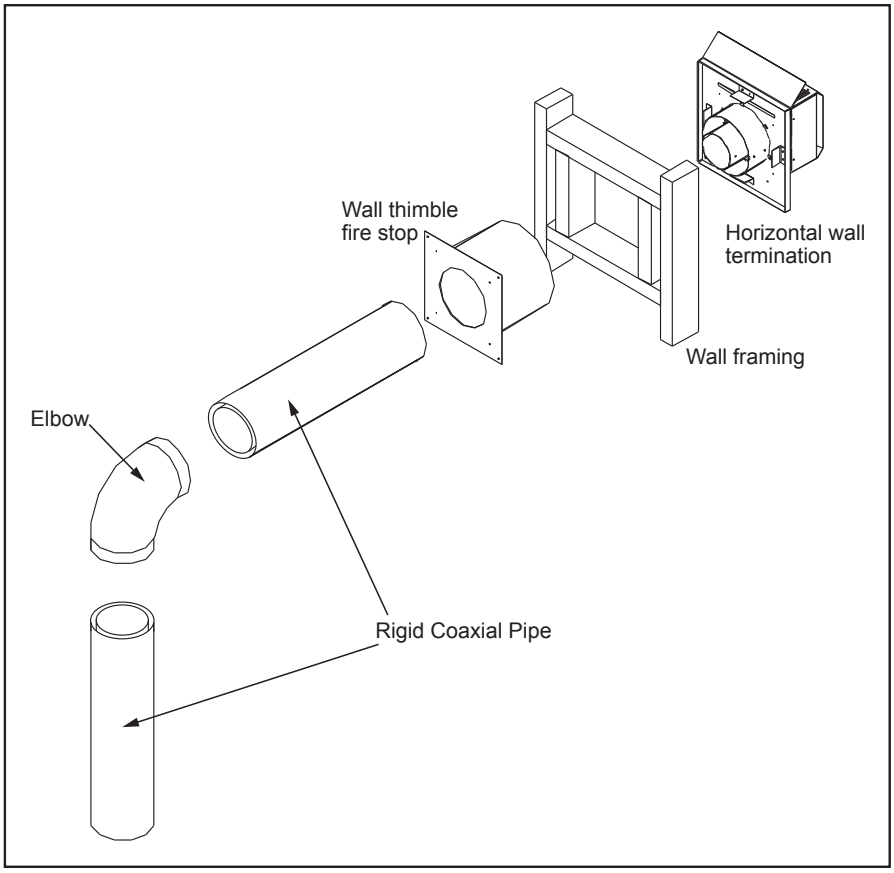


Figure 35. Horizontal Vent Termination

6. When running horizontal pipe, clearances to combustibles must be maintained 1½ inches (38 mm) sides, 1½ inches (38 mm) bottom, and 2 inches (51 mm) top.

Step 1. Set the fireplace in the desired location. Check to determine if wall studs will be in the way when the venting system is attached. If this is the case, the location of the fireplace may have to be adjusted or the venting may have to be offset.

Step 2. Direct vent pipe sections are designed with special twist-lock connections. Dry fit the desired combination of pipe and elbows to the appliance adaptor.

Step 3. With the pipe in the correct position and attached to the fireplace, mark the wall for a 10 inches (25.4 cm) x 10 inches (25.4 cm) square hole (see Figure 27). The center of the hole should match the center line of the horizontal pipe. Cut and frame the hole in the exterior wall where the vent will be terminated. If the wall being penetrated is made of a non-combustible material (i.e. masonry or concrete) a 7 inches (17.8 cm) hole is acceptable.

STEP 5. Cut hole in the roof centered on the small hole placed in the roof from Step 2. The hole should be of sufficient size to meet minimum requirements for Clearance to Combustibles, as specified. Continue to assemble lengths of pipe and elbows necessary to reach from the ceiling support box up through the roof line. Galvanized pipe and elbows may be utilized in the attic, as well as above the roof line. The galvanized finish is desirable above the roof line, due to the higher corrosion resistance.

STEP 6. Once the pipe sections have been joined, and run up through the hole in the roof, slip an elbow strap over the exposed sections, bend the support straps outwards, and push the elbow strap down to the roof level, as shown in Figure 36. Tighten the clamp around the pipe section. Use a level to make sure the pipe is truly vertical. With roofing nails, secure the support straps to the roof. Seal the nails holes heads with non-hardening mastic. Trim the excess length of the support straps that extend out beyond the edge of the flashing.

STEP 7. Slip the flashing over the pipe section protruding through the roof. Secure the base of the flashing to the roof with roofing nails. Use a non-hardening sealant between the uphill edge of the flashing and the roof. Insure the roofing material overlaps the top edge of the flashing. Verify that you have at least the minimum clearance to combustibles at the roof line.

STEP 8. Continue to add pipe sections until the height of the vent cap meets the minimum code requirements. Refer to Figure 37 and Table 7. Note that for steep roof pitches, the vent height must be increased. In high wind conditions, nearby trees, adjoining roof lines, steep pitched roofs, and other similar factors can result in poor draft, or down drafting. In these cases, increasing the vent height may solve the problem.

STEP 9. Slip the storm collar over the pipe, and push it down to the top of the roof flashing as shown in Figure 36. Use the non-hardening sealant around the joint between the pipe and the storm collar.

STEP 10. Twist-lock the vent cap.

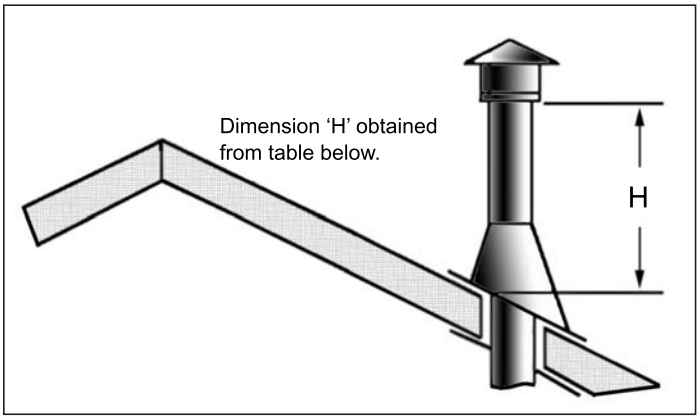


Figure 37: Height of Vertical Termination; Reference Table 7.

Table 7: Minimum 'H' for Figure 37.

Roof Pitch	Minimum Height (H)	
	Feet	Meters
Flat to 7/8	1	0.3
Over 7/12 to 8/12	1.5	0.46
Over 8/12 to 9/12	2	0.61
Over 9/12 to 10/12	2.5	0.76
Over 10/12 to 11/12	3.25	0.99
Over 11/12 to 12/12	4	1.22
Over 12/12 to 14/12	5	1.52
Over 14/12 to 16/12	6	1.83
Over 16/12 to 18/12	7	2.13
Over 18/12 to 20/12	7.5	2.29
Over 20/12 to 21/12	8	2.44

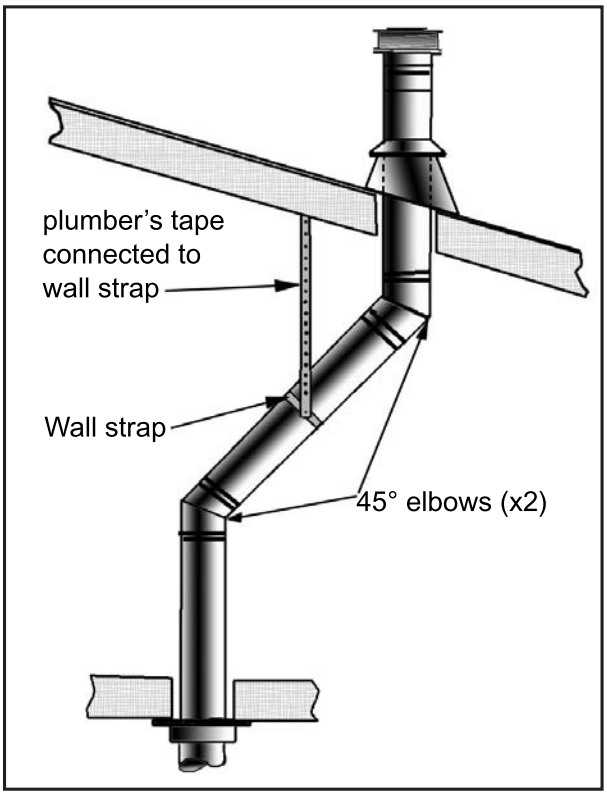


Figure 38: Use of Wall Straps.

(4) Any occupied areas above the first floor, including closets and storage spaces, which the vertical vent passes through, must be enclosed. The enclosure may be framed and sheet-rocked with standard building materials. However consult the appliance manufactures installation instructions for the minimum allowable clearance between the outside of the vent pipe, and the combustible surfaces of the enclosure. Do not fill any required air spaces with insulation.

NOTES:

(1) If an offset is necessary in the attic to avoid obstructions, it is important to support the vent pipe every 3 feet (914 mm), to avoid excessive stress on the elbows, and possible separation. Wall straps are available for this purpose (see Figure 38).

(2) When ever possible, use 45° degree elbows instead of 90° degree elbows. The 45° degree elbow offers less restriction to the flow of flue gases and intake air.

(3) For multi story installations; a ceiling firestop is required at the second floor, and any subsequent floors (see Figure 39). The opening should be framed to 10" (254 mm) x 10" (254 mm) inside dimensions, in the same manner as shown in Figure 32.

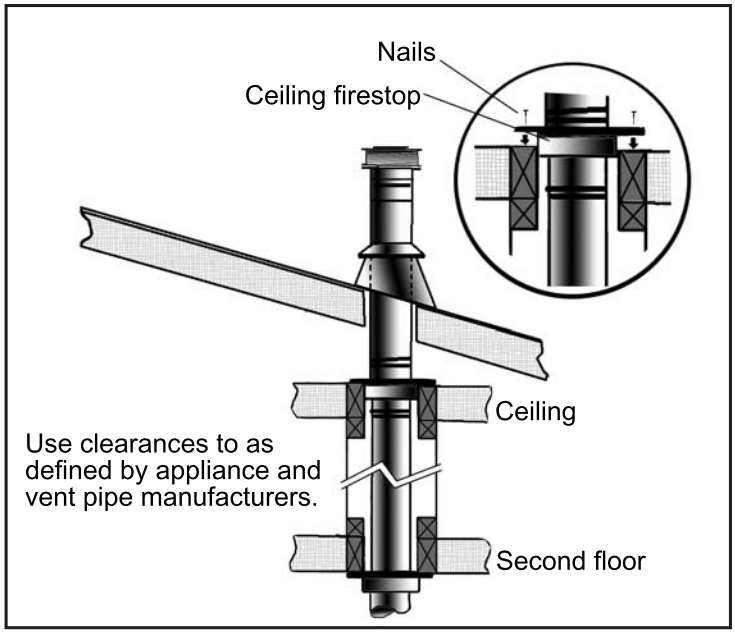


Figure 39: Multi-Story Vent Pipe Installation.

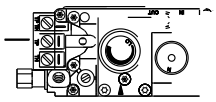


Figure 40. Wiring Diagram For Gas Valve.

INSTALLATION OF ELECTRICAL WIRING FOR THE OPTIONAL FAN KIT:

Initial Installation

Gas Line Connection and Testing:

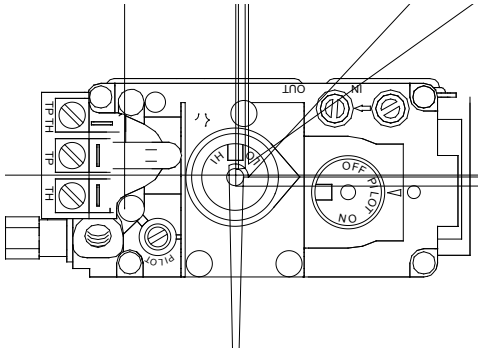
WARNING: Only persons licensed to work with gas piping may make the necessary gas connections to this appliance.

GAS LINE CONNECTION

- This fireplace is equipped with a certified flexible pipe located on the right side of the unit. This flexline is connected to a shut-off ball valve, which terminates in a ⅜" female NPT fitting. The ball valve can be located on the right or left side of the unit, or where the gas supply can enter through the floor of the unit (see Figure 10). Consult your local authorities codes or the CAN/CGA B 149 (1 or 2) installation code in Canada, or in the USA gas installations follow either local codes or the current edition of the National Fuel Gas Code ANSI Z223.1.
- The efficiency rating of this appliance is a product thermal efficiency rating determined under continuous operating conditions and was determined independently of any installed system.

The appliance and its shutoff valves must be disconnected from the gas supply piping system during any pressure testing where the pressure exceeds ½ PSIG (3.45 KPa) or damage will occur to the valve.

The appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than ½ psig (3.45 KPa).



Always check for gas leaks with a soap and water solution after completing the required pressure test.

TO TEST VALVE PRESSURES

The pressure taps are located on the top right of the valve shown in Figure 42.

- Turn set screw 1 turn counter clockwise to loosen,
- Place 5/16" (8 mm) I.D. hose over pressure tap system.
- Check pressures using a manometer.
- When finished, release pressure, remove hose & tighten set screw.

	Natural Gas	Propane
Main Orifice	#48 DMS	#57 DMS
Manifold Pressure	3.8" W.C. (0.95 KPa)	11.0" W.C. (2.74 KPa)
Min. Manifold Pressure	1.2" W.C. (0.28 KPa)	2.7" W.C. (0.67 KPa)
Max Supply Pressure	7.0" W.C. (1.74 KPa)	13.0" W.C. (3.28 KPa)
Min. Supply Pressure	5.0" W.C. (1.25 KPa)	12.0" W.C. (2.98 KPa)
Max BTU/hr Input	16,900 BTU/hr (4.95 KW)	14,500 BTU/hr (4.25 KW)
Min. BTU/hr Input	10,000 BTU/hr (2.93 KW)	7,500 BTU/hr (2.20 KW)

NEVER USE AN OPEN FLAME FOR LEAK TESTING.

Secondary Installation

QUALIFIED INSTALLERS ONLY

Optional Fan Kit Installation:

If the Haven is installed the burner and valve assemblies must be removed. If the Haven is not installed the fan can be installed through an access hole at the lower rear of the unit.

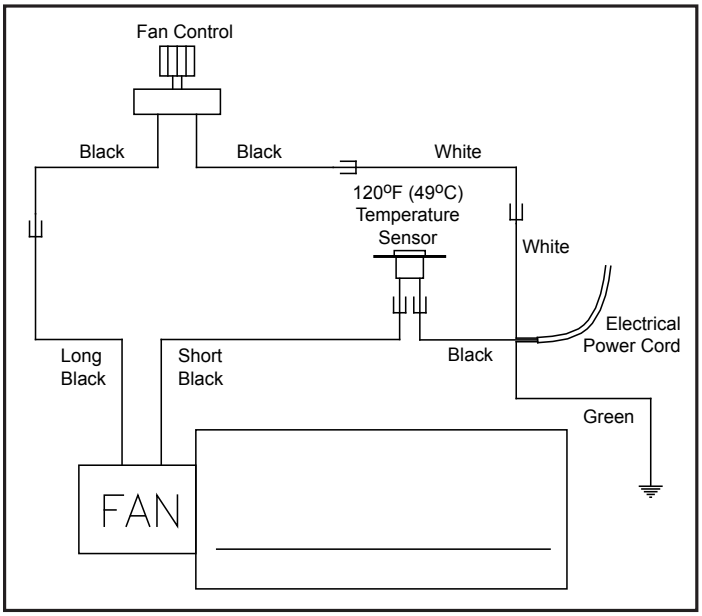


Figure 43. Wiring Diagram For Fan Control.

The optional fan is thermostatically controlled and it will not operate if the appliance is cold. A few minutes after the appliance is lit and the variable speed control is set at a desired setting, the fan will automatically turn on. The fan will automatically turn off a few minutes after the appliance is shut off.

The fireplace must be electrically connected and grounded in accordance with local codes or, in the absence of local codes, with the current CSA C22.1 Canadian Electrical Code Part 1, Safety Standards For Electrical Installations, or The National Electrical Code ANSI / NFPA 70 in the US.

WARNING: The electrical grounding instructions must be followed. The fan should be properly grounded.

CAUTION: When servicing controls, label all wires prior to disconnection. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

Kit Contents:

This kit includes a fan assembly, a wiring harness, a temperature sensor, fan control dial, two (2) grommets, and two (2) 8-32 x ¾" bolts.

Please ensure that your fan kit has not been damaged. If so, contact your dealer, distributor, or courier company before starting this installation.

Optional Fan Kit Installation Through Back of Haven:

1. Use a flat head screwdriver or a ¼" socket to remove the six (6) screws holding the back cover on (see Figure 44).
2. Remove the two (2) bottom screws holding the stand-off on (see Figure 45) and swing it out of the way.
3. Install the two (2) grommets; place a 8-32 x ¾" bolt through each grommet then attach the bolt to the back cover using a ¼" socket.
4. Ensure the wiring harness is attached to the fan then hook the two (2) slots on the fan box over the grommets installed in the last step.
5. Slide the fan with the wiring harness attached into the hole in the back of the haven, motor side first (see Figure 46).

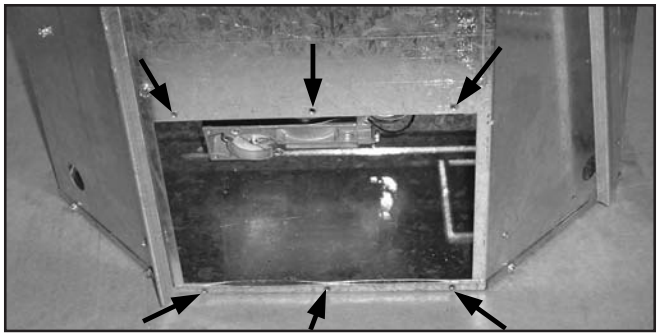


Figure 44: Removing Back Plate From Haven.

6. Re-install the screws for the back cover and the stand-off.
7. Remove the two (2) screws holding the control panel in place. Pull the panel out of the way.
8. Slide the snap switch in place under the holding tabs above the SIT valve (see Figure 47).
9. Remove knob and nut from the fan controller. Place the dial stud through the fan hole in the control board through the back to the front (see Figure 48). Tighten the nut on the front side to keep the fan controls in place (see Figure 49), then install the knob onto the stud.
10. Use marrettes to connect the fan wiring harness wires to the house wiring when the Haven is installed.
11. Re-install the control panel.

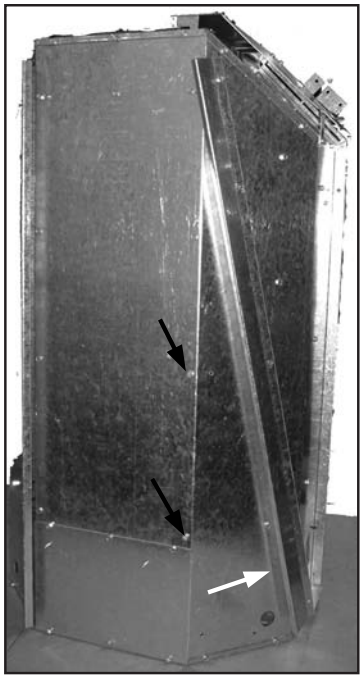


Figure 45: Move Back Stand-Off.

Figure 46: Installing Fan Through the Back.

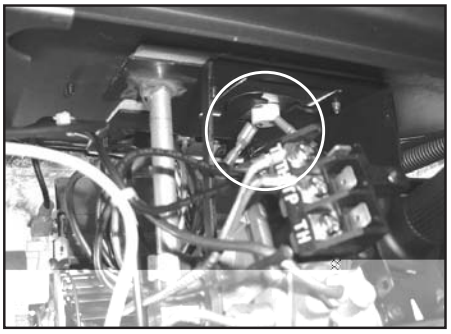


Figure 47: Installing Temperature Sensor.

Figure 48. Install Fan Control Box.

Figure 49. Install Fan Control Nut.

Optional Fan Kit Installation Through Front of Haven:

1. Ensure the appliance is turned off and cool.
2. Remove the fascia, glass door (see Maintenance And Service - Glass Door Removal), logset, embers and firebox liner.
3. Remove the two (2) screws holding the control panel in place. Pull the panel out of the way.

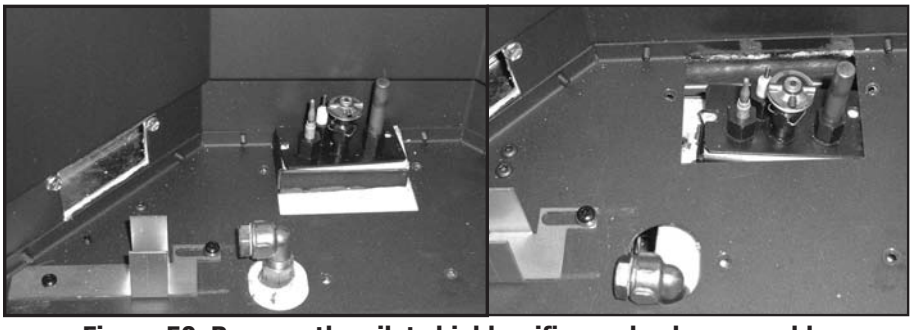


Figure 50. Remove the pilot shield, orifice and valve assembly.

4. To remove the burner undo the wing nut under the right side of the burner (see Figure 8) and remove the screw. Lift the right end of the burner up, slide it to the left (off of the main orifice), then up and out.
5. Remove the pilot shield, orifice and valve assembly (see Figures 50).

6. Install the two (2) grommets; place a 8-32 x ¾" bolt through each grommet then attach the bolt to the back cover using a ¼" socket (see Figure 51)
7. Ensure the wiring harness is attached to the fan then hook the two (2) slots on the fan box over the grommets installed in the last step.
8. Re-install the pilot shield, orifice and valve assembly.
9. Slide the snap switch in place under the holding tabs above the SIT valve (see Figure 47).

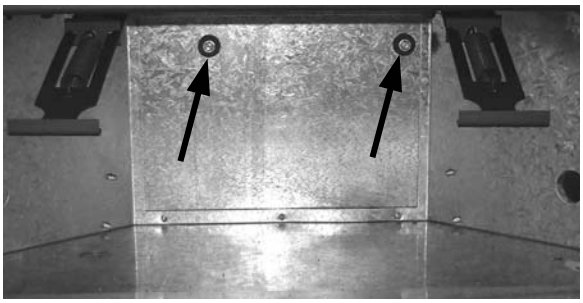


Figure 51. Grommets to Hang Fan On.

10. Remove knob and nut from the fan controller. Place the dial stud through the fan hole in the control board through the back to the front (see Figure 48). Tighten the nut on the front side to keep the fan controls in place (see Figure 49), then install the knob onto the stud.
11. Use marrettes to connect the fan wiring harness wires to the house wiring.
12. Re-install the control panel.

Log Set and Ember Installation:

Install the ceramic or steel liner (refer to "Secondary Installation - Installation of Steel Firebox Liner or Optional Ceramic Firebox Liner") before installing the log set. A liner MUST be installed before the unit can be turned on. The placement of the charcoal pieces, embers, and logs are not arbitrary. If they are positioned incorrectly, the flames can be "pinched" and will not burn correctly. The burner comes with six (6) locator pins (pointed out in Figure 52), which make alignment easier. The locator pins are long enough to go through the charcoal and be used to locate for the logs. Carefully set the three (3) charcoal pieces (Figure 46) in place.

When the charcoal pieces are in place the embers (Figure 53) can be placed onto the burner to create a realistic look. A bag of rock wool is provided. Spread the rock wool in a sparse but even manner.

WARNINGS: DO NOT pack this ember material as this could create an unsafe condition. The pieces should be lightly placed so they don't block any of the burner ports. DO NOT allow any of the embers to rest against the pilot assembly.

Caution: Use only the type of ember material supplied with this fireplace. Due to the irregular size of the ember material, there may be more than required. Use of other foreign materials on the burners may create dangerous conditions.

Figure 52. Charcoal Pieces Installation.

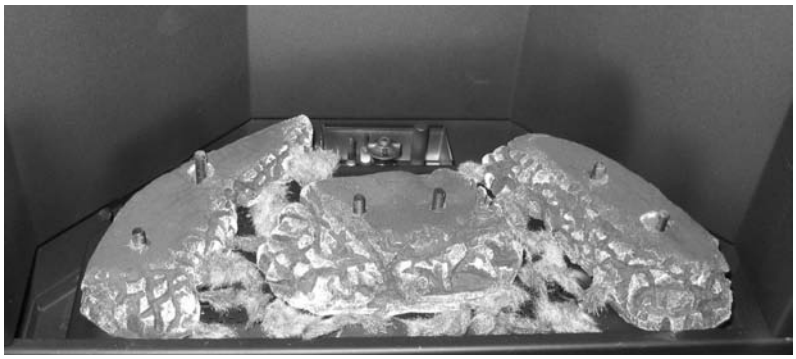
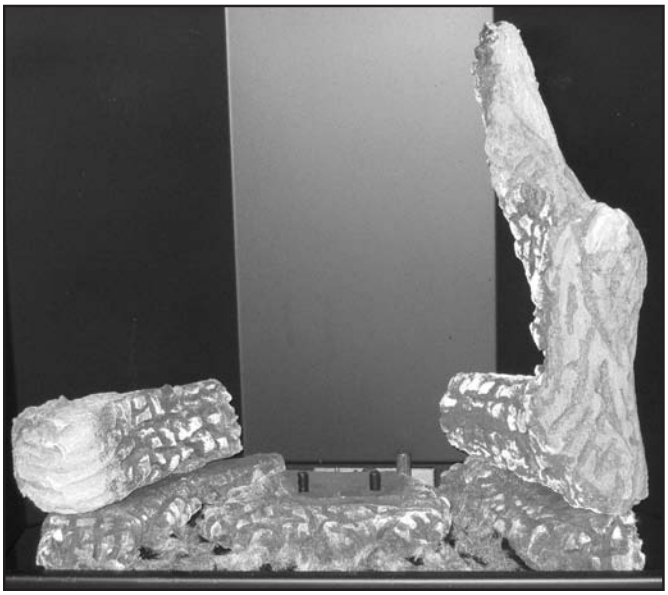


Figure 53. Ember Placement.

NOTE: The charcoal pieces and logs are fragile and should be handled gently.

Secondary Installation



Secondary Installation

Installation of Steel Firebox Liner or Optional Ceramic Firebox Liner:

NOTE: The ceramic liner is fragile and should be handled gently. Please ensure that it has not been damaged. **Turn off the gas control knob and allow the unit to cool.**

Figure 57. Ceramic Liner Suport.

To Remove Liner:

Gently pull the top of the liner forward then out.

To Install Liner:

1. Remove the glass door by following the instruction in the Maintenance And Service - Glass Door Removal and remove logs if necessary.
2. If the burner is to be removed, undo the wing nut under the right side of the burner (see Figure 8) and remove the screw. Lift the right end of the burner up, slide it to the left (off of the main orifice), then up and out.
3. Remove the old steel liner by pulling the top of the liner forward then out
4. Ceramic Liner Only: A ceramic liner support must be installed around burner (shown with a white outline in Figure 57).
5. Tilt the liner forward and slide the bottom into the firebox. Ensure that the liner goes over the pilot assembly.
6. Push the top of the liner into the top of the firebox; it will be a snug fit. Ceramic Liner Only: The bottom of the liner must rest on ceramic liner support installed in step 2. Steel Liner Only: The bottom of the liner must rest on the two (2) supports behind the burner.
7. Once the liner is in the firebox pull it forward so it is flush with the front of the firebox.
8. Re-install the burner (if removed), the logs (refer to "Secondary Installation - Log Set and Ember Installation"), and the glass door.

Figure 58. Bottom of Steel Liner Slid In.

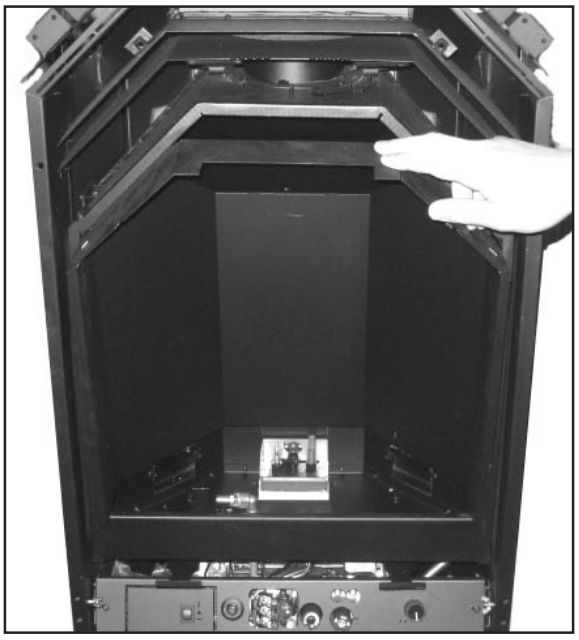


Figure 59. Bottom of Steel Line Put in Place.

Troubleshooting

Problem	Possible Cause	Solution
The main burner does not ignite when called for.	The gas valve may not be on.	• Check that the gas control knob is in the "ON" position.
	Thermostat is not calling for heat.	• Adjust the thermostat several degrees above ambient temperature.
	Problem with gas valve.	• Use a DC voltmeter to measure the voltage across the TPTH and TP terminals. Main operator voltage: Open circuit ≥ 325mV Closed circuit ≥ 100mV • If voltage is not present, check the control circuit for proper operation. • If proper control system voltage is present, replace the gas control.
Spark will not light the pilot after repeatedly pressing the spark ignitor.	Defective piezo ignitor.	• Check connections to ignitor. • If ignitor connections are good but no spark, replace ignitor.
	Broken spark electrode.	• Check for broken ceramic insulation, replace electrode if broken.
	Misaligned spark electrode.	• If spark is not arcing from electrode to pilot, loosen the screws on the pilot base adjust and tighten.
Pilot will not remain lit.	Problem with thermocouple circuit.	• Check for proper connection of the thermocouple to the rear of the valve. If loose, fully tighten. • Check pilot for full flame impingement around thermocouple. If flame is too small, check gas pressure, adjust pilot rate screw, check pilot head for damage. • Check thermocouple voltage at valve. It must be greater than 5 mV. If low, replace thermocouple.
	Air in gas line (pilot dies while knob is depressed).	• Bleed line. • Check gas line pressure. • Contact dealer.
Burners will not remain lit.	Problem with thermopile circuit.	• Check gas line pressure . • Check for flame impingement on thermopile. If low, see "Pilot will not remain lit". • Check thermopile for minimum of 300 mV when burner is switched on. • Check wiring to thermostat for breaks.
Flame lifting	Leak in vent pipe	• Check for leaks in vent connections.
	Improper vent configuration	• Check vent configuration with manual.
	Terminal may be recirculating flue gases	• Check to see if terminal is on correctly. • May need to install high wind termination cap. • Contact dealer.
Glass fogs up	Normal Condition: after the appliance warms up the glass will clear. **Due to additives in gas, glass may get hazy during operation** Clean as needed.	
Blue Flames	Normal during start up: flames will yellow as the fireplace heats up.	
Flames are burning "dirty" or sooting	Flame impingement	• Check log positioning. • Increase primary air by opening the venturi shutter and/ or by opening the vent restrictor. See also "Burners will not remain lit."
Remote control doesn't work	Problem with the remote	• One or more of the batteries are dead. See remote control instructions.
	Problem with fireplace	• The on/off switch is turned to OFF. • The gas control valve is turned to PILOT or OFF. • The pilot has gone out.

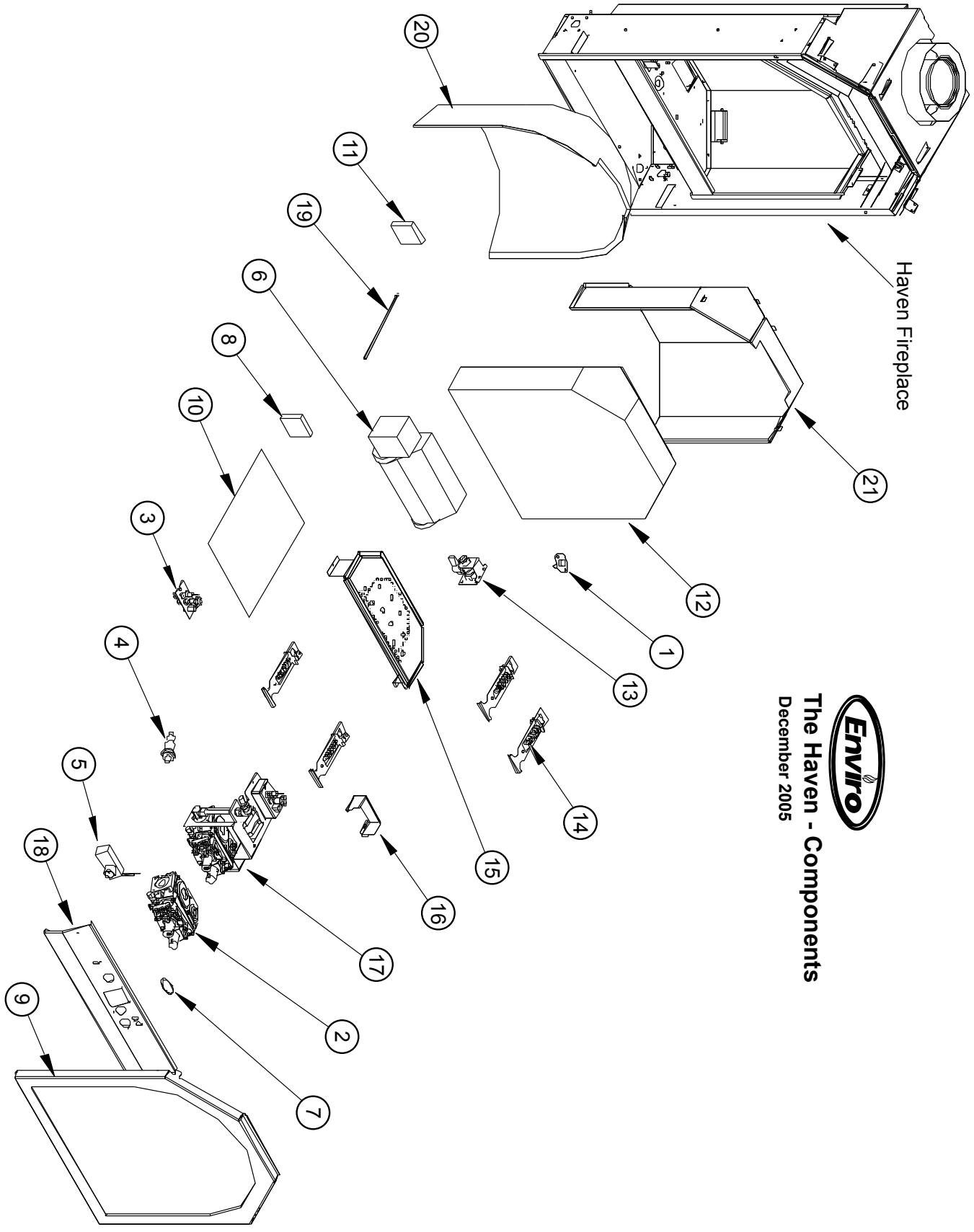
Parts List - Components

Reference Number	Part Description	Part Number
1	120°F Ceramic Fan Temperature Sensor	EC-001
2	S.I.T. Nova Valve NG Convertible	50-1421
3	Thermocouple	EC-009
3	Spark Electrode with Ignitor Cable	EC-011
3	Thermopile	EC-012
3	Pilot Orifice NG Threaded	EC-019
3	Pilot Orifice LP Threaded	EC-020
3	Pilot Gasket	EC-021
4	S.I.T. Piezo Ignitor	EC-023
5	Fan Controller - 115V	EC-039
6	Convection Blower - 115V	EG22-001
6	Convection Blower Kit- 115V	50-1211
	SIT Pilot ⅛" Tube with End Furrels (1 piece)	30-043
7	Enviro Logo Gel Decal	50-322
	Blank Orifice #73	50-343
8	On/Off Remote Control Kit	50-559
	Programmable Wall Mounted Remote Control	50-583
9	Dual Bulb Door Gasket - 10 feet (3.05m)	50-634
9	Door, Glass, & Gasket	50-1289
	Wall Switch Kit	50-920
	Three Flame Pilot Hood	50-925
10	Haven Owner's Manual	50-1268
11	Conversion Kit from LP to NG	50-1436
11	Conversion Kit from NG to LP	50-1437
12	Log & Coal Set	50-1283
13	Manual Shut-Off Valve	50-1284
14	Door Latch Spring, Bracket, & Screws (set of 2)	50-1285
15	Pan Burner	50-1286
16	Pilot Shield	50-1287
17	Valve & Pilot Assembly	50-1288
18	Control Panel	50-1290
19	Bell Wire - 20 feet (6.1m)	50-1291
	S.I.T. Valve Conversion Screw With O-Ring	50-1450
	S.I.T. Valve Conversion Screw Cap	50-1451

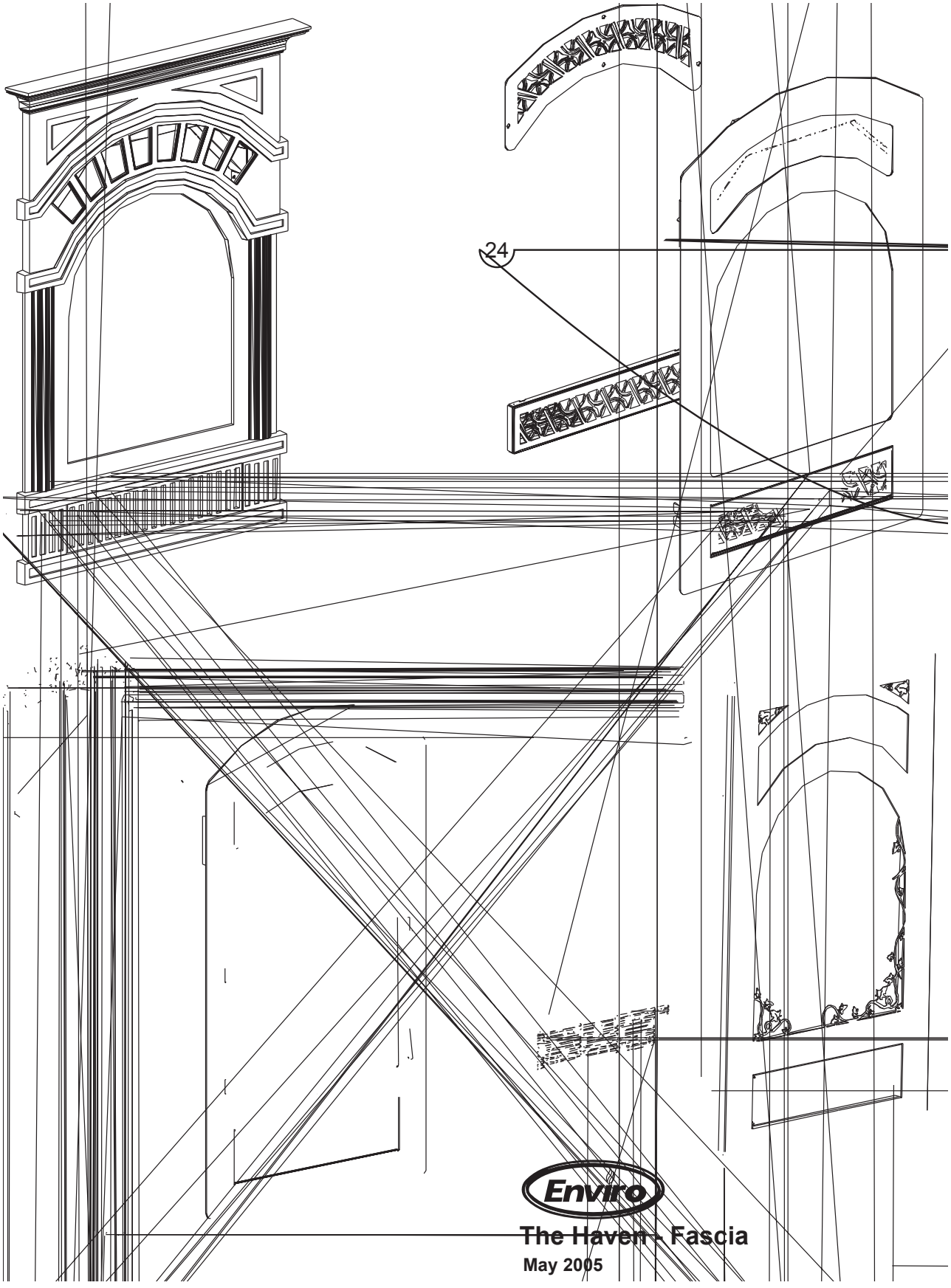
Parts List - Options

Referance Number	Part Description	Part Number
20	Firebox Liner - Bankers Brown Brick	50-1209
20	Firebox Liner - Arizona Stucco	50-1210
20	Firebox Liner - Red Brick	50-1225
21	Firebox Liner - Steel Black	50-1282
	Fireplace Horizontal Vent Kit - 5 Feet (1.52m)	50-1235
	Fireplace Horizontal Vent Kit - 10 Feet (3.05m)	50-1293
22	Roma Cast Iron Front - Painted Black	50-1196
22	Roma Cast Iron Front - Antique Chestnut	50-1197
22	Roma Cast Iron Front - Antique White	50-1232
22	Roma Cast Iron Front - Diamond Black	50-1233
23	Chalet Face & Inset - Enameled Black	50-1198
24	Chalet Insets - Brushed Gold	50-1200
24	Chalet Insets - Brushed Nickel	50-1201
25	Cape Cod Face - Enameled Black	50-1202
26	Cape Cod Inset - Enameled Black	50-1203
26	Cape Cod Inset - Brushed Gold	50-1204
26	Cape Cod Inset - Brushed Nickel	50-1205
27	Autumn Face - Enameled Black	50-1207
28	Autumn Inset - Enameled Black	50-1206
28	Autumn Inset - Brushed Nickel	50-1208
28	Autumn Inset - Brushed Gold	50-1238

Parts Diagram - Components



Parts Diagram - Fascia



Enviro

The Haven - Fascia

May 2005

Warranty

Sherwood Industries Ltd. offers a Limited Lifetime Warranty on this gas product. This Limited Lifetime Warranty covers the appliance for a period of seven years from the date of installation. This warranty applies only to the original owner in the original location.

Covered under the lifetime warranty are the chassis and the heat exchanger. These steel components are covered against manufacturer's defects for seven years and the labour for the first year. The following exclusions apply: over-firing due to incorrect setup or tampering, damage caused by incorrect installation, usage or abuse. The unit must be properly installed by a qualified technician or installer, and must meet all local and national gas and building code requirements.

Under the Limited Lifetime Warranty, the following components are also covered: log set, burners and glass. The following exclusions apply:

Plated Finish: Damage caused by scratching, marring, chemicals, fingerprints, abrasive cleaners or discoloration with age. Items with Antique Copper that have had a green discoloration of the finish. If discoloration occurs, please follow the cleaning instructions as outlined in the "Maintenance And Service" section.

Glass: Damage caused by the use of harsh or abrasive cleaners, striking the glass, surface contaminants

Log Set & Ceramic Liner: Damage caused by incorrect handling or misuse

Burners: Damage caused by improper or continuous operation under incorrect conditions

Sherwood Industries Ltd. offers a two-year warranty against manufacturing defects on all the electrical components and gas components, paint is also covered against flaking. This offer includes parts and labour for one year, and parts only thereafter.

Your dealer shall make all claims under this warranty in writing. **When filing a warranty claim please complete the following information on an official warranty claim form:**

TO THE DEALER:

Name, address and telephone number of purchaser and date of purchase, date of installation, name of installer and dealer, nature of complaint, defects or malfunction, description and part number of any parts replaced.

TO THE DISTRIBUTOR:

Sign and verify that work and information are correct.

This warranty covers defects in materials and workmanship only if the product has been installed according to the manual's instructions. If the product is damaged or broken as a result of misuse or mishandling, the warranty does not apply. The warranty does not cover removal and reinstallation costs.

Sherwood Industries Ltd. reserves the right to repair or replace the defective product. The shipping costs are to be paid by the consumer. All warranties by the manufacturer are set forth and no claim shall be made against the manufacturer on any oral warranty or representation.

Sherwood Industries Ltd. and its' employees or representatives will not assume any damages, either directly or indirectly, caused by improper usage, operation installation, servicing or maintenance of this appliance.

Sherwood Industries Ltd. reserves the right to make changes without notice. Please complete and mail the warranty registration card and have the installer fill in the installation data sheet in the back of the manual for warranty and future reference.

Installation Data Sheet

The following information must be recorded by the installer for warranty purposes and future reference.

NAME OF OWNER:

_____

ADDRESS:

_____

_____

_____

PHONE:_____

NAME OF DEALER:

_____

ADDRESS:

_____

_____

_____

PHONE:_____

MODEL:_____

SERIAL NUMBER:_____

DATE OF PURCHASE: _____ (dd/mm/yyyy)

DATE OF INSTALLATION:_____(dd/mm/yyyy)

☐ NATURAL GAS (NAT) ☐ PROPANE(LPG)

INLET GAS PRESSURE:_____in WC

MAIN BURNER ORIFICE:_____# DMS

PILOT ORIFICE #_____OR_____in diam.

INSTALLER'S SIGNATURE:

_____

NAME OF INSTALLER:

_____

ADDRESS:

_____

_____

_____

PHONE:_____

MANUFACTURED BY:
SHERWOOD INDUSTRIES LTD.
6782 OLDFIELD RD. SAANICHTON, BC, CANADA V8M 2A3
www.envirofire.biz
March 23, 2006
C-11080